

FIG. 2

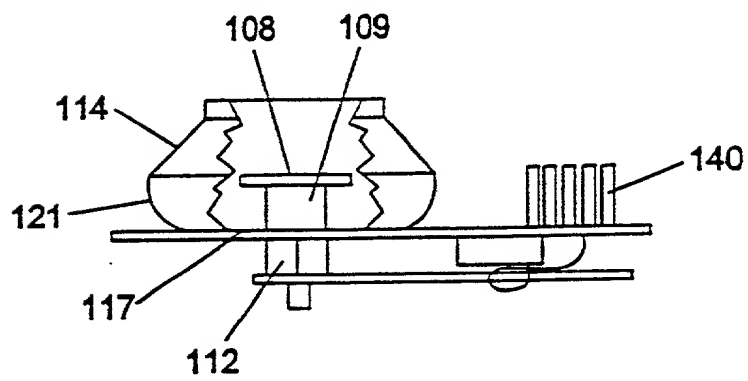


FIG. 3

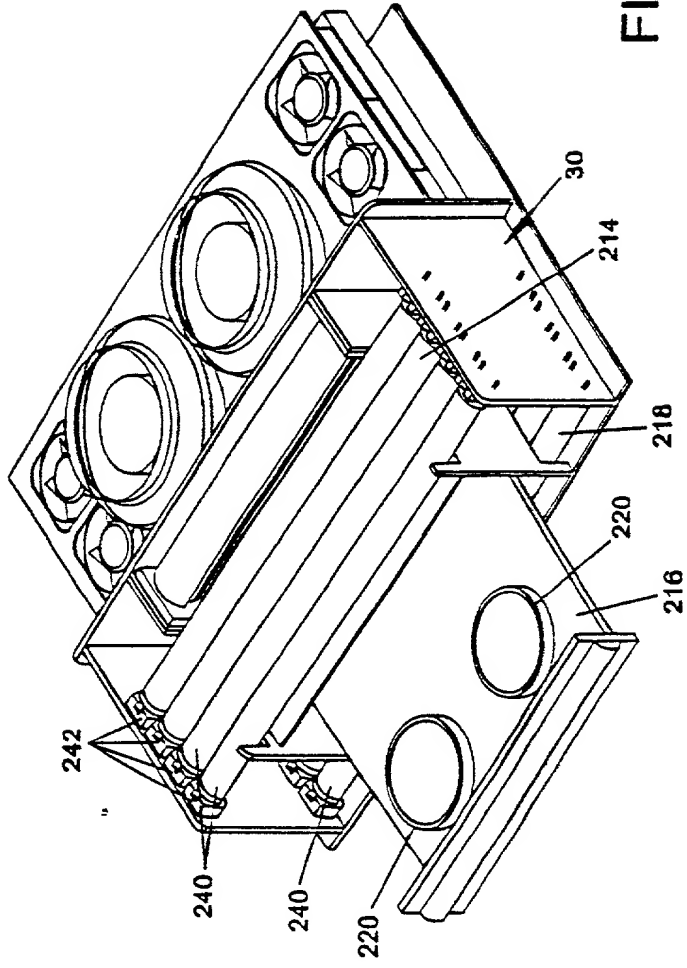


FIG. 4

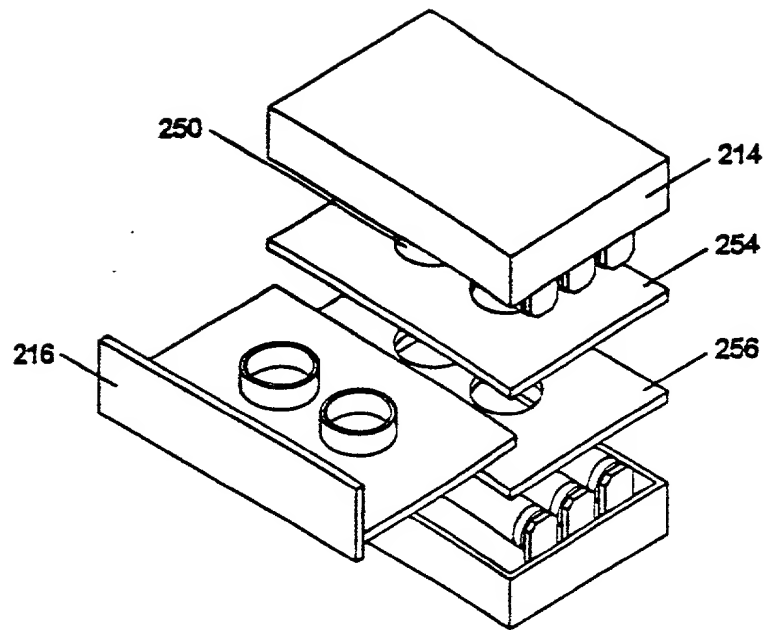


FIG. 5

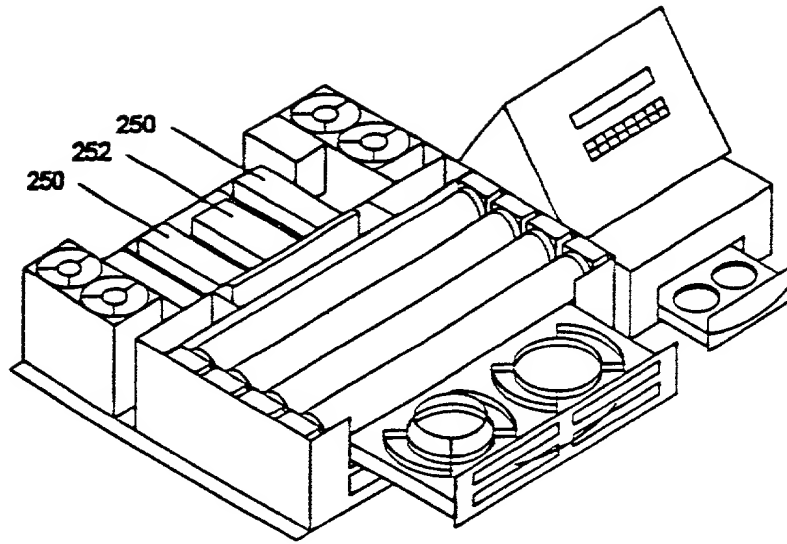


FIG. 6

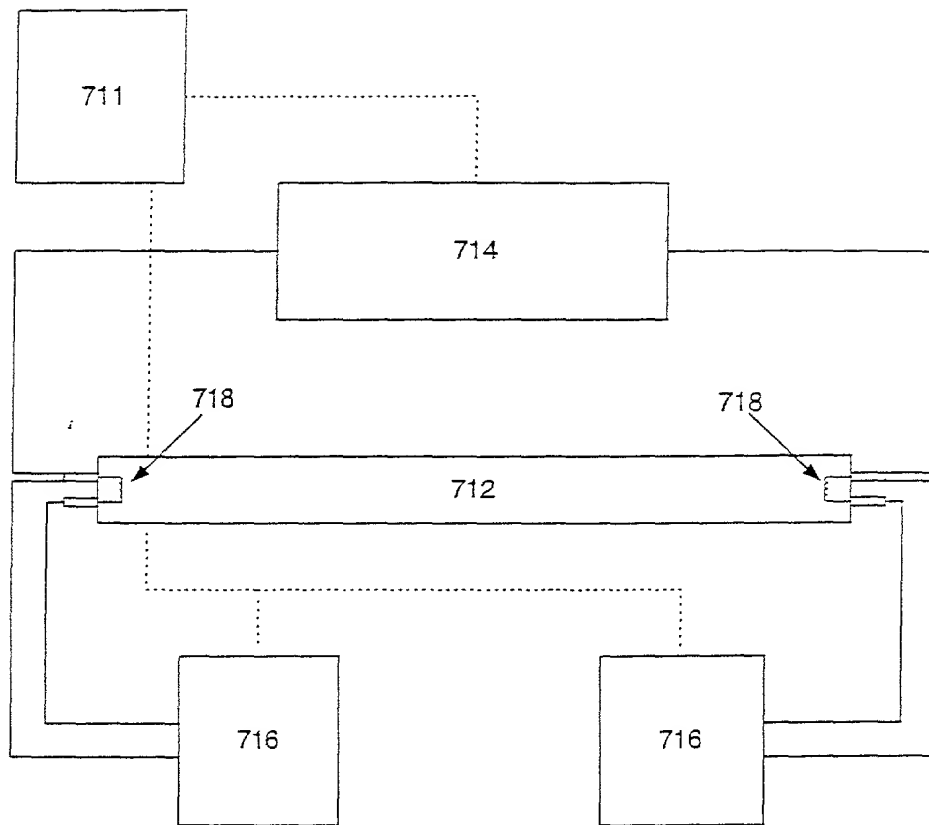


FIG. 7

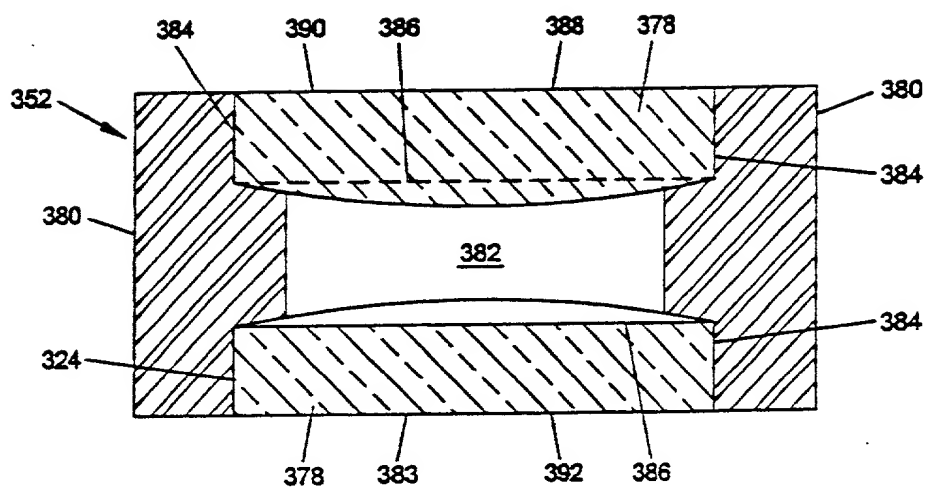


FIG. 8

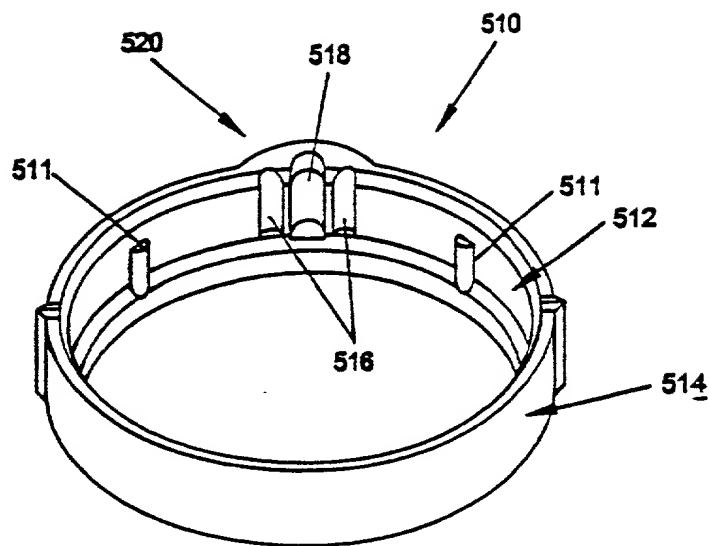


FIG. 9

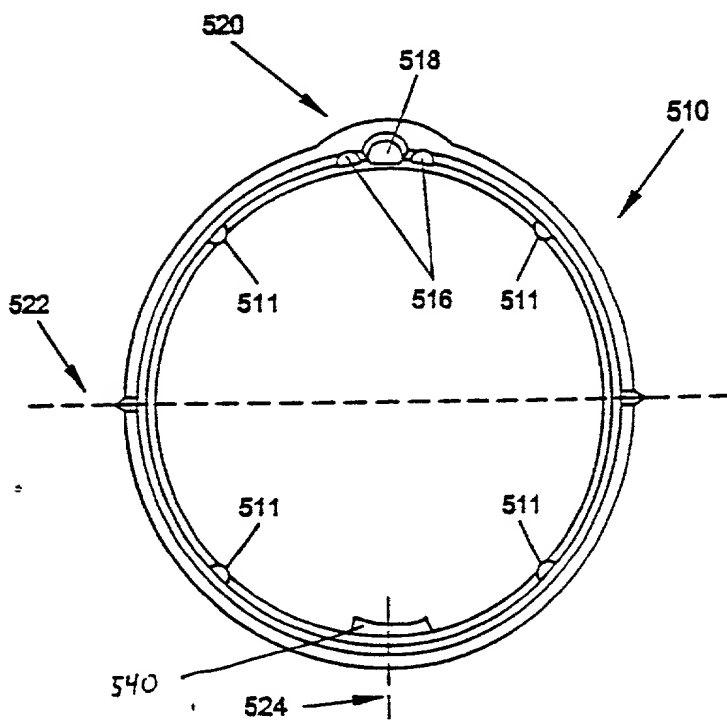


FIG. 10



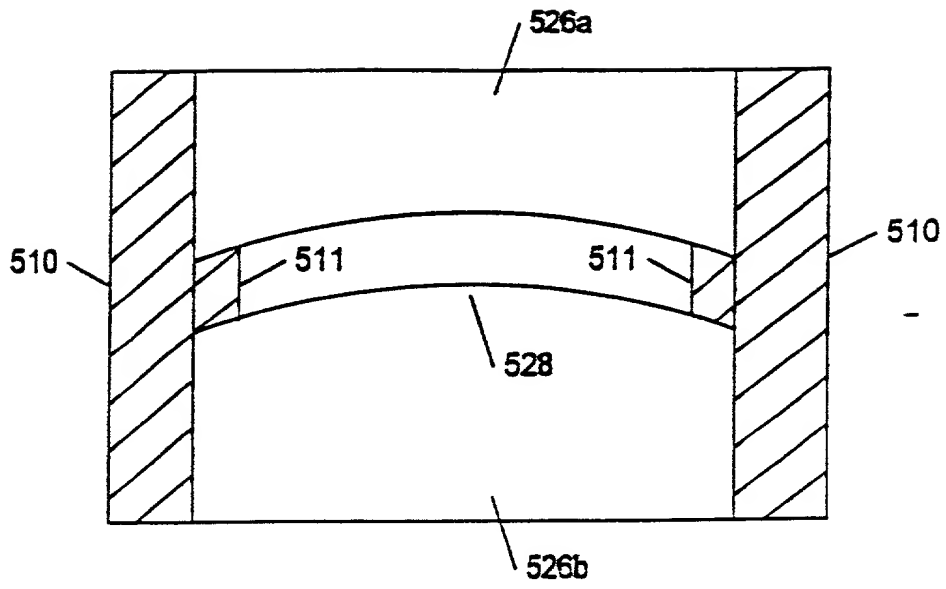


FIG. 11

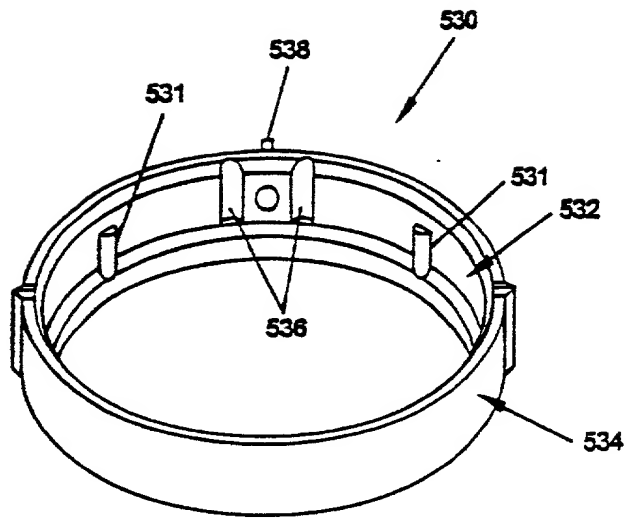


FIG. 12

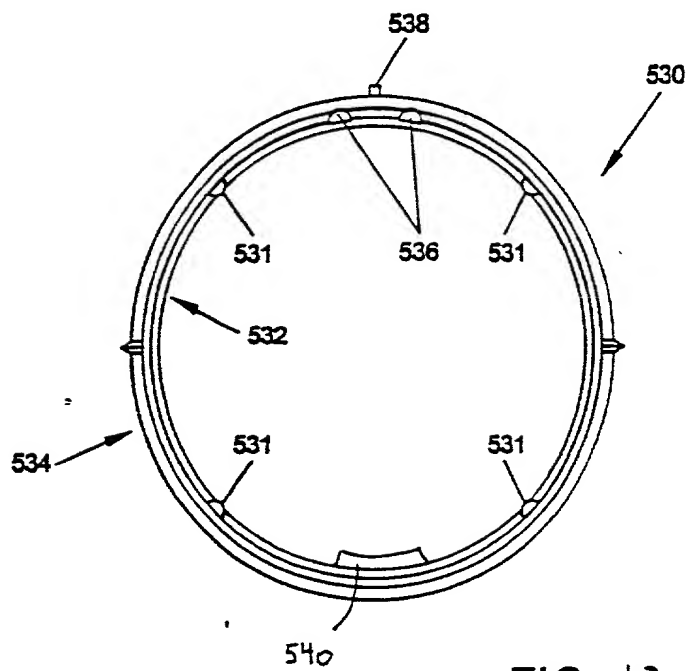


FIG. 13

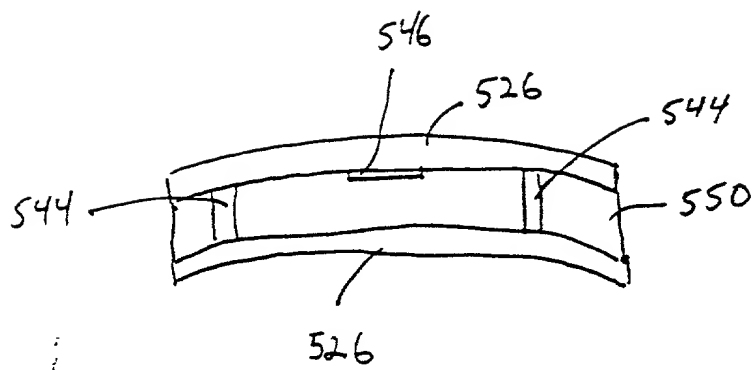


FIG. 14

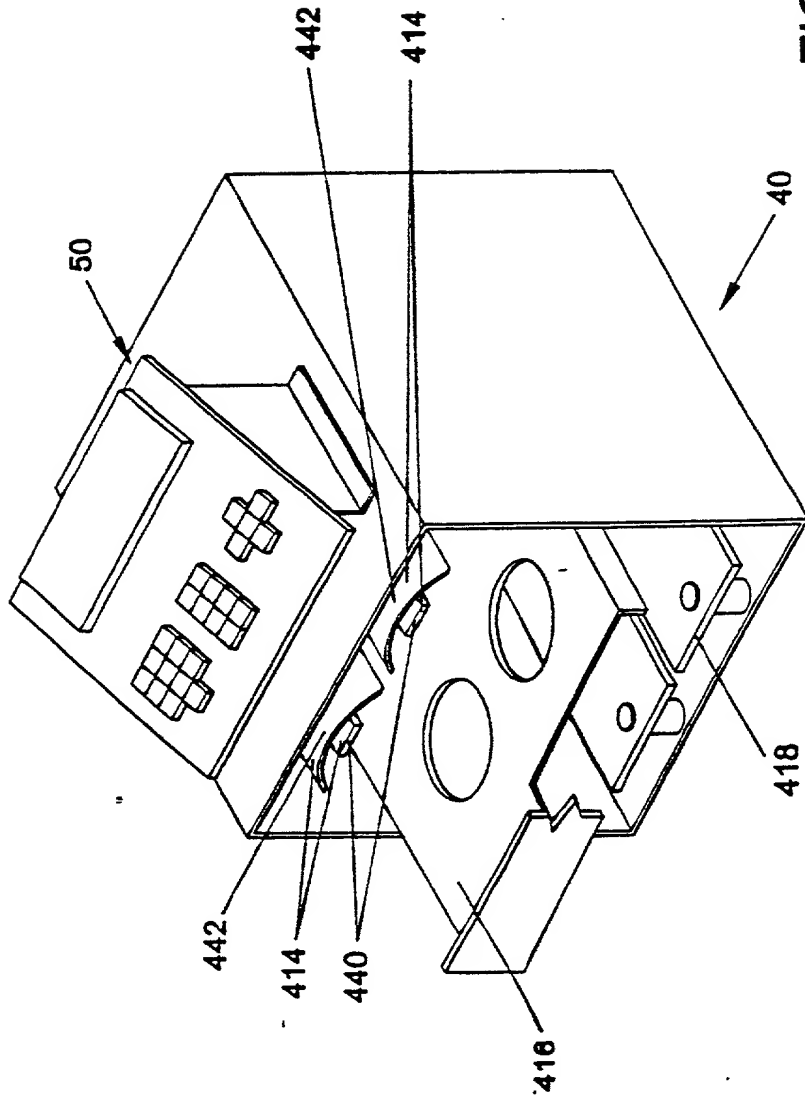


FIG. 15

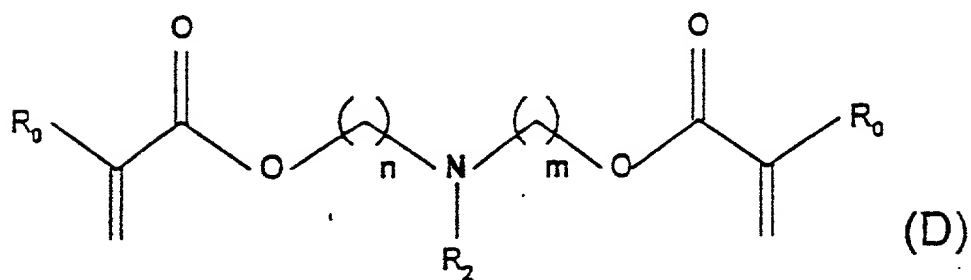
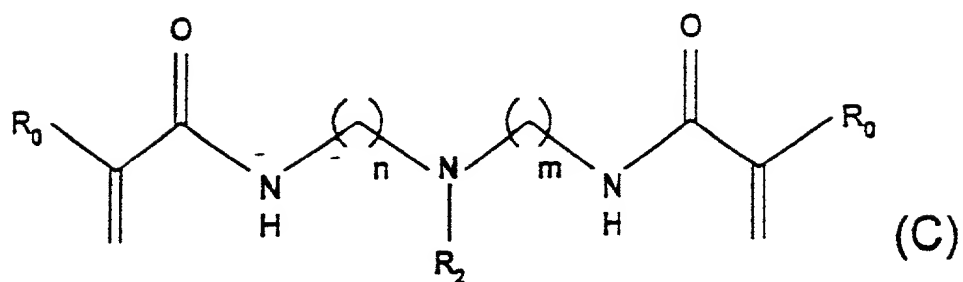
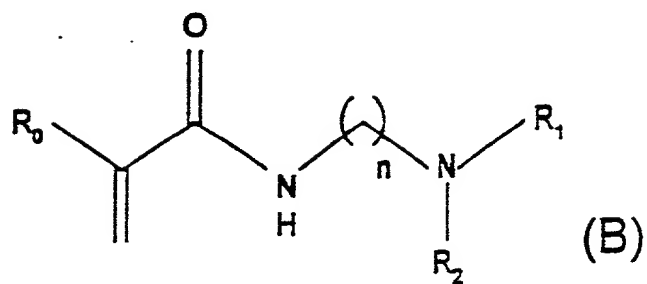
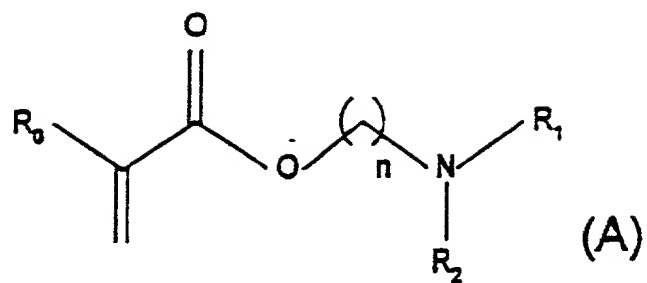


FIG. 16

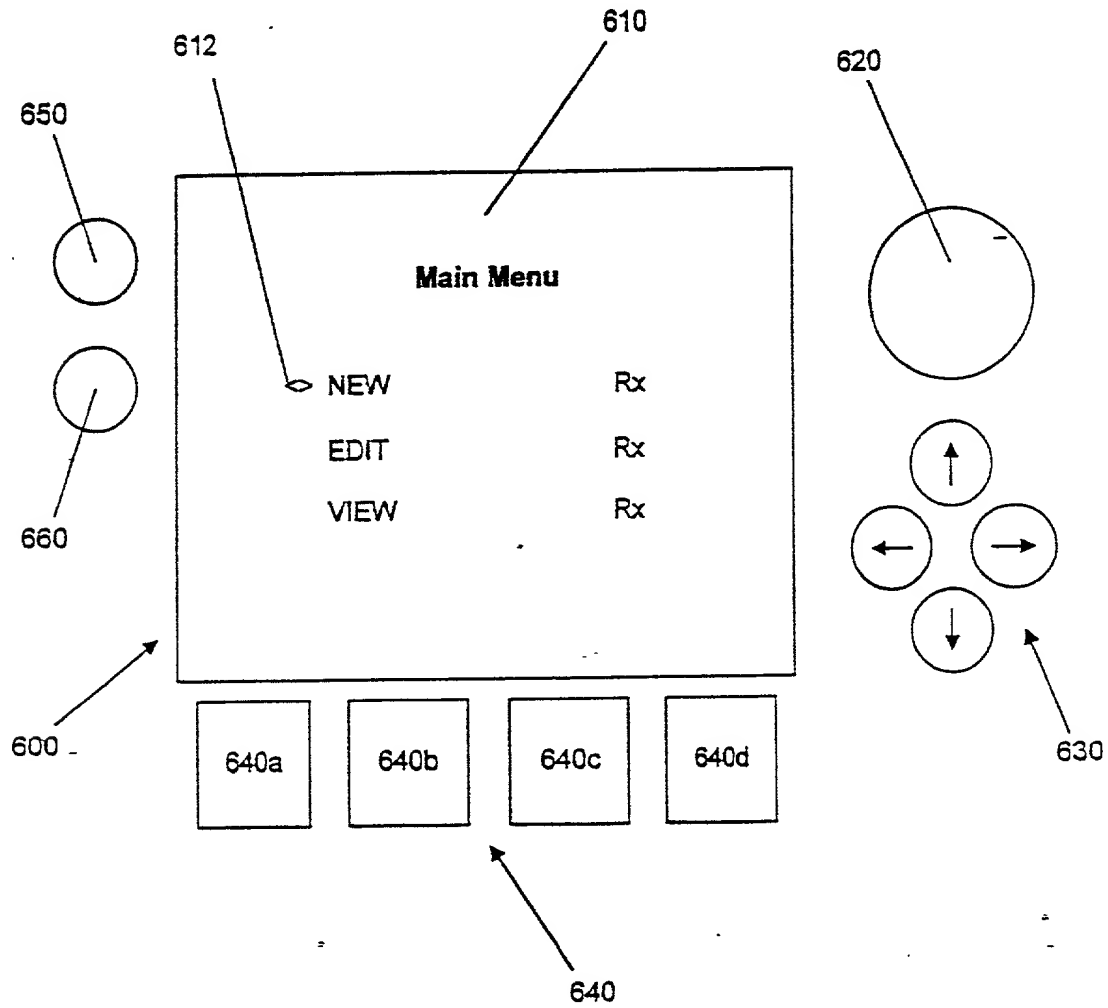


FIG. 17

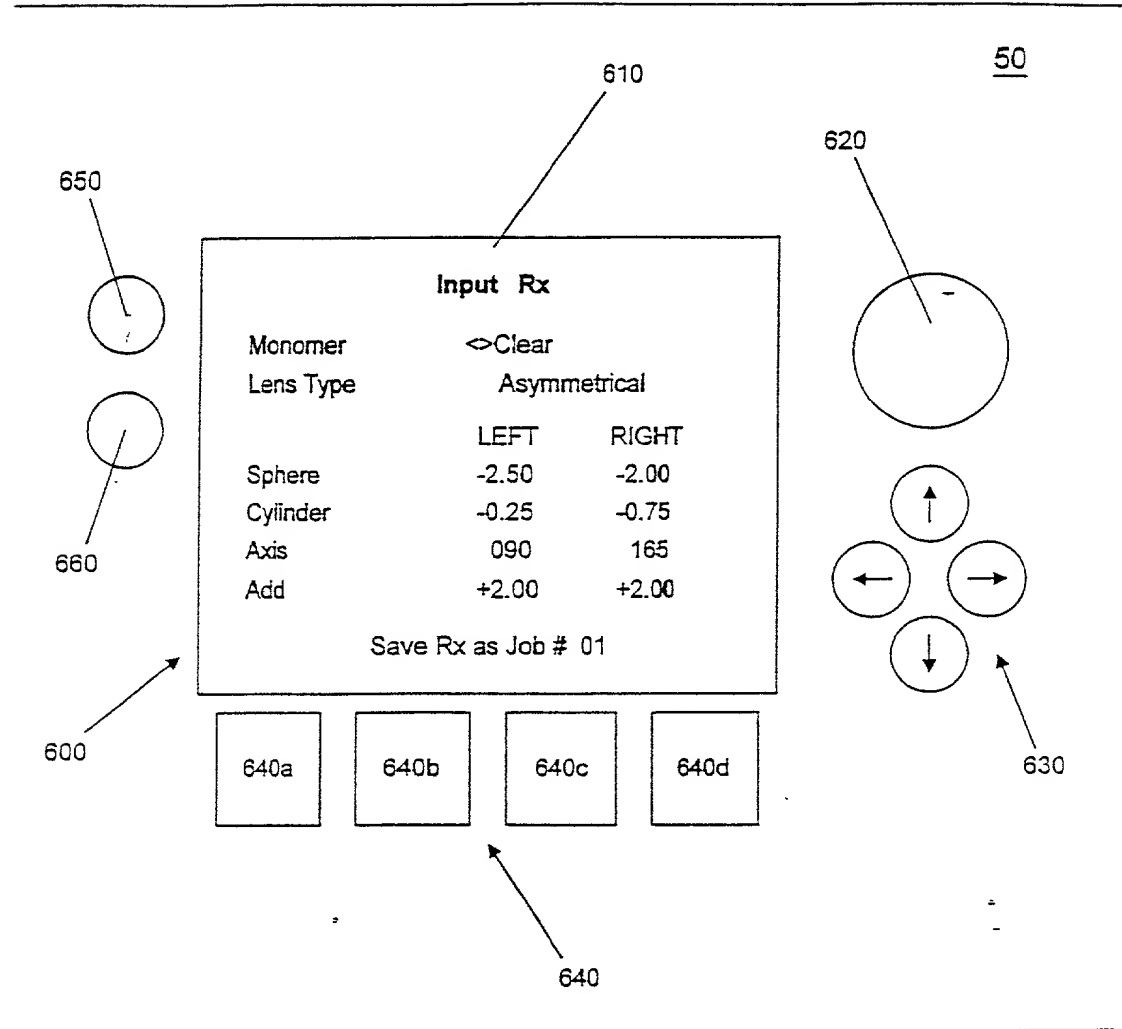
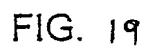
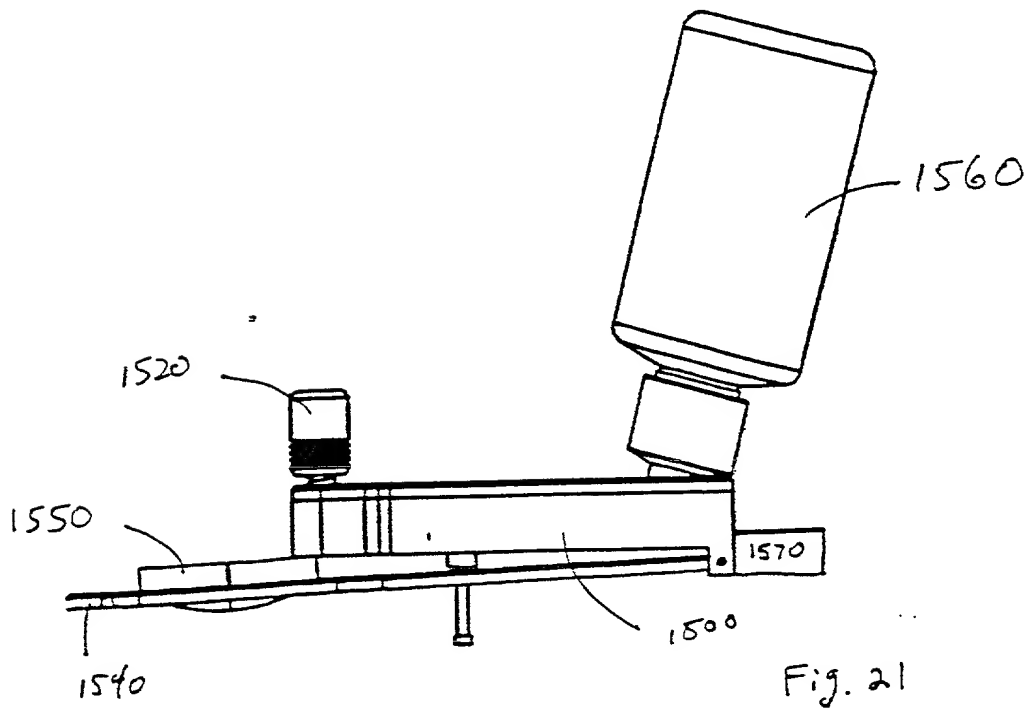
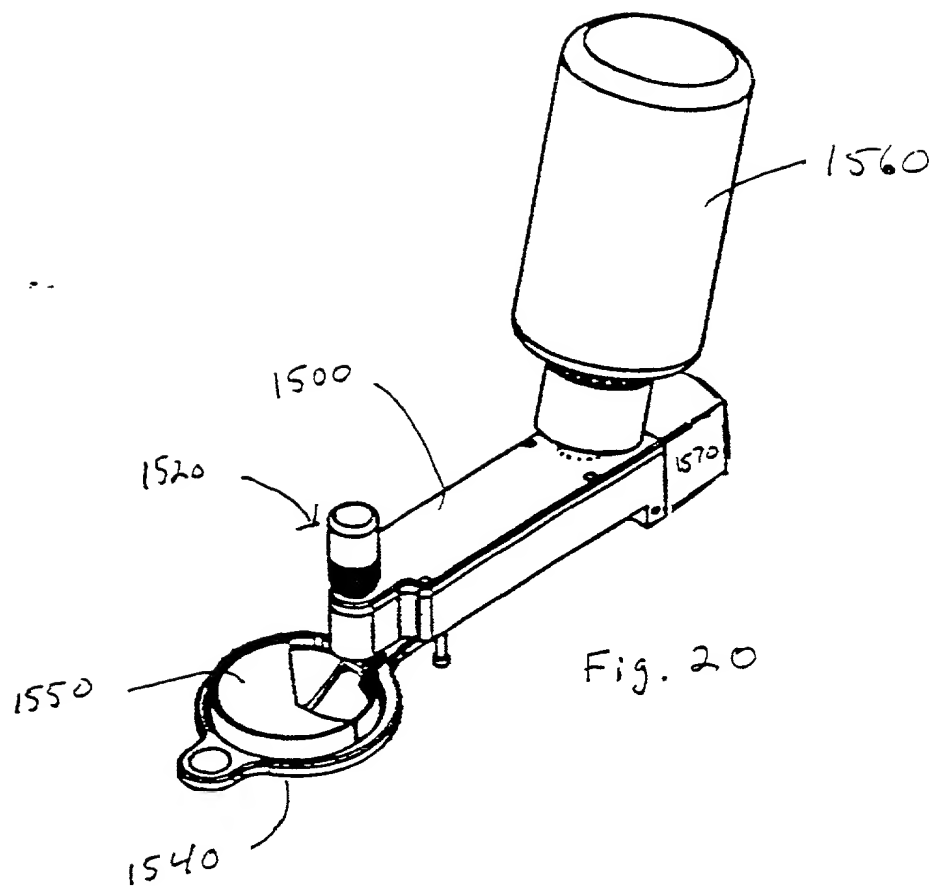


FIG. 18









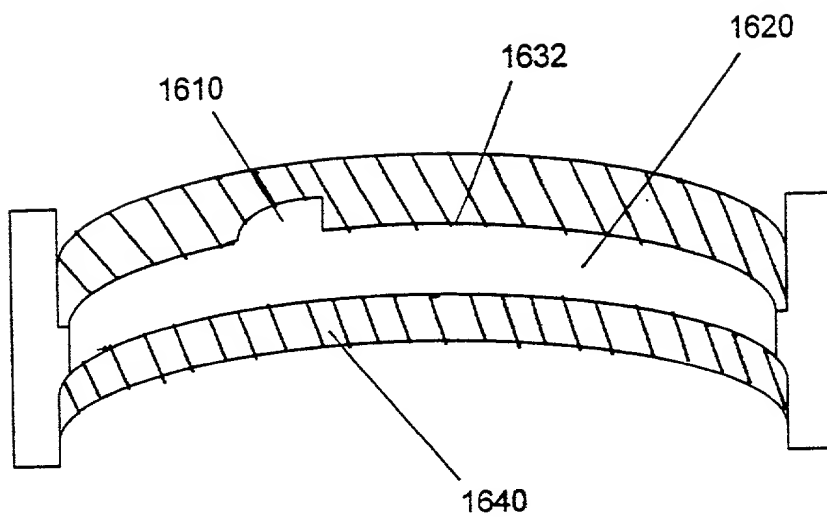


FIG. 24

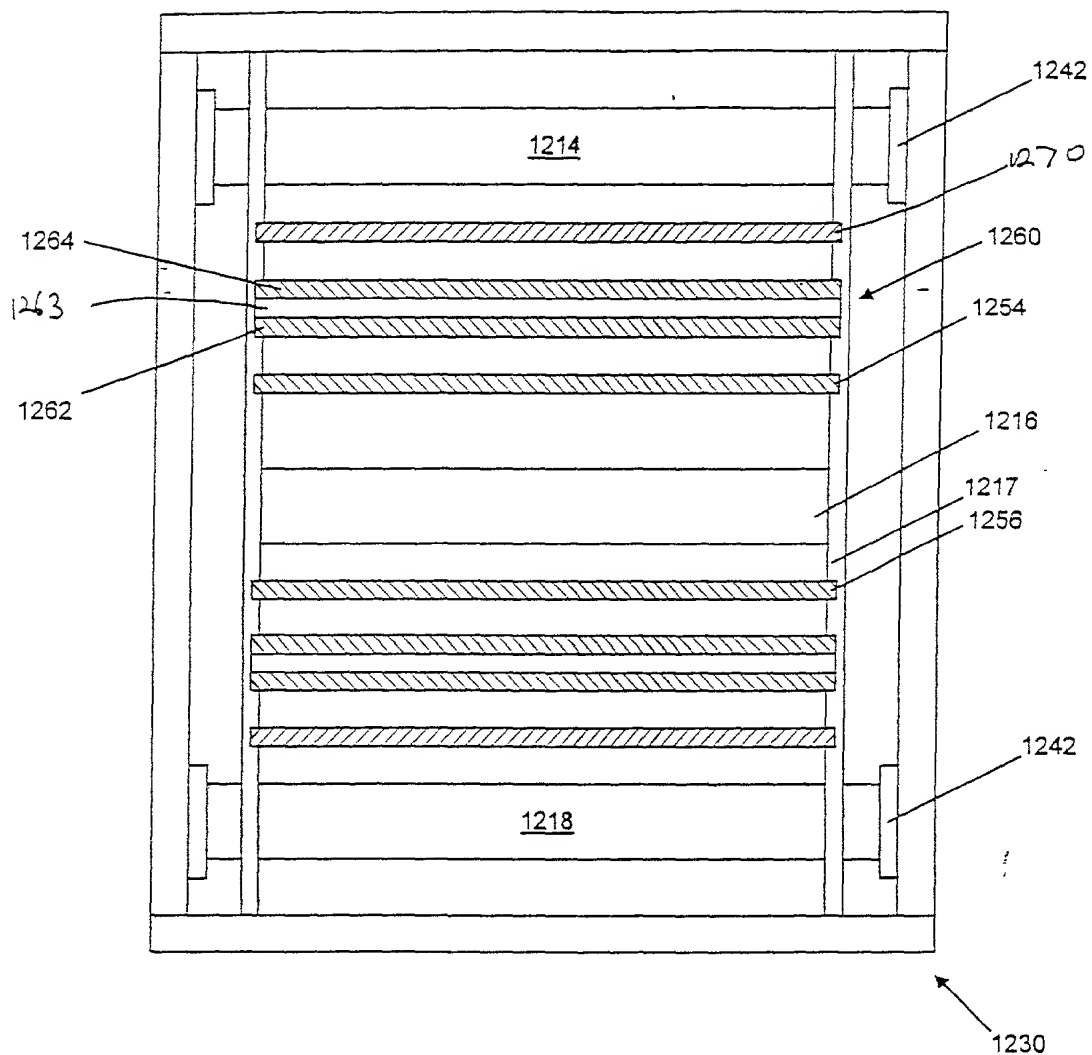


FIG. 25

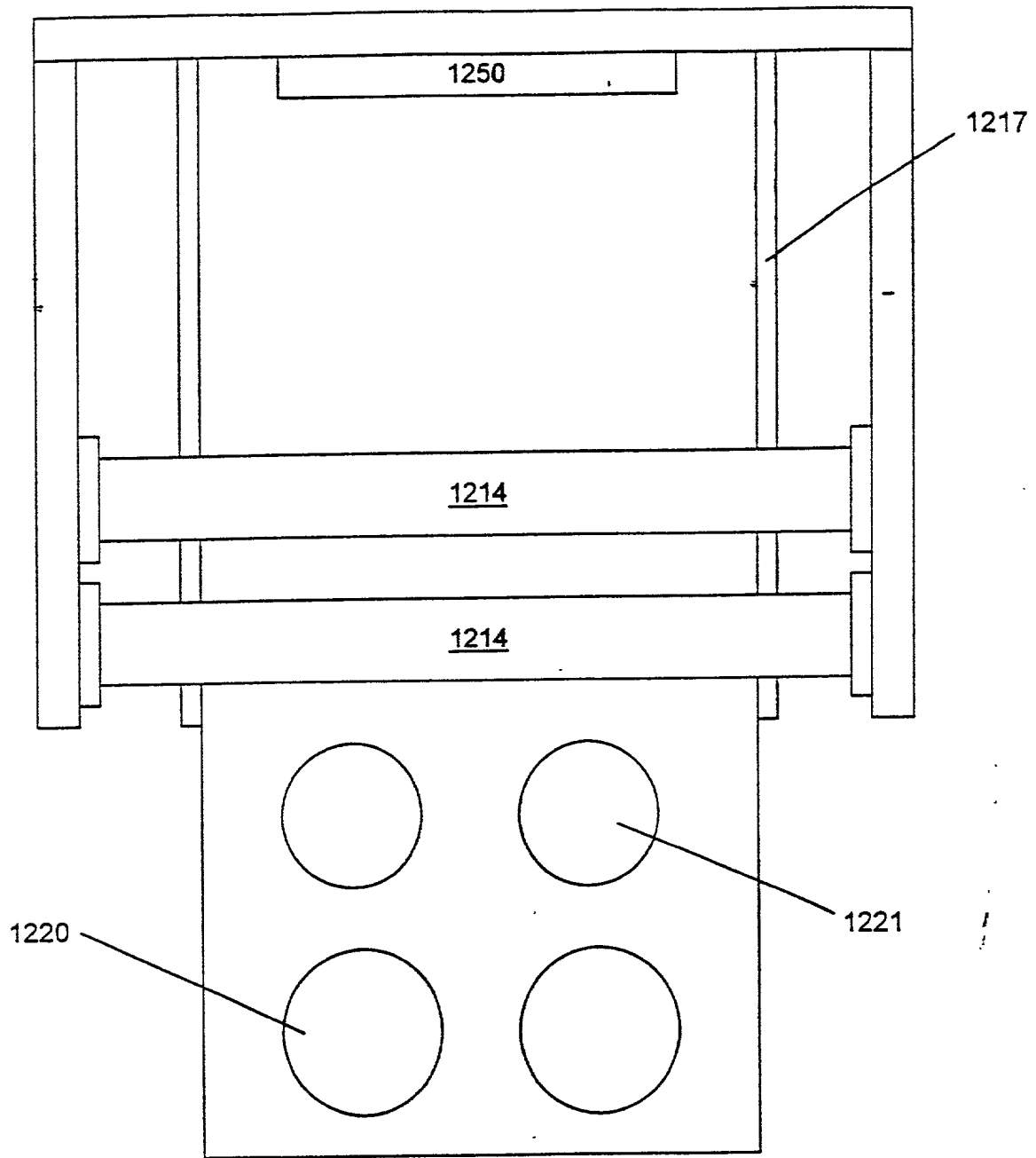
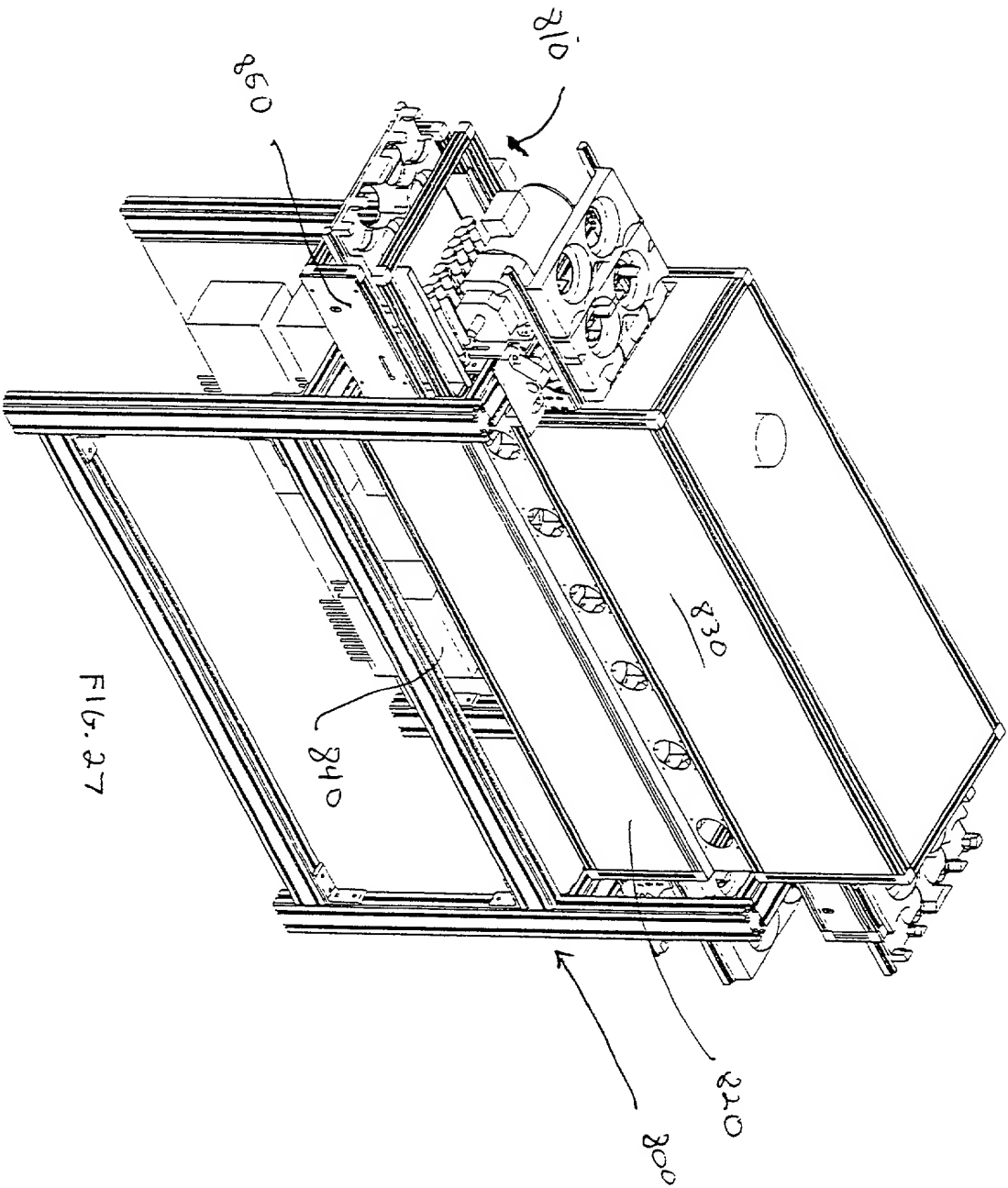


FIG. 26

09783439-074304



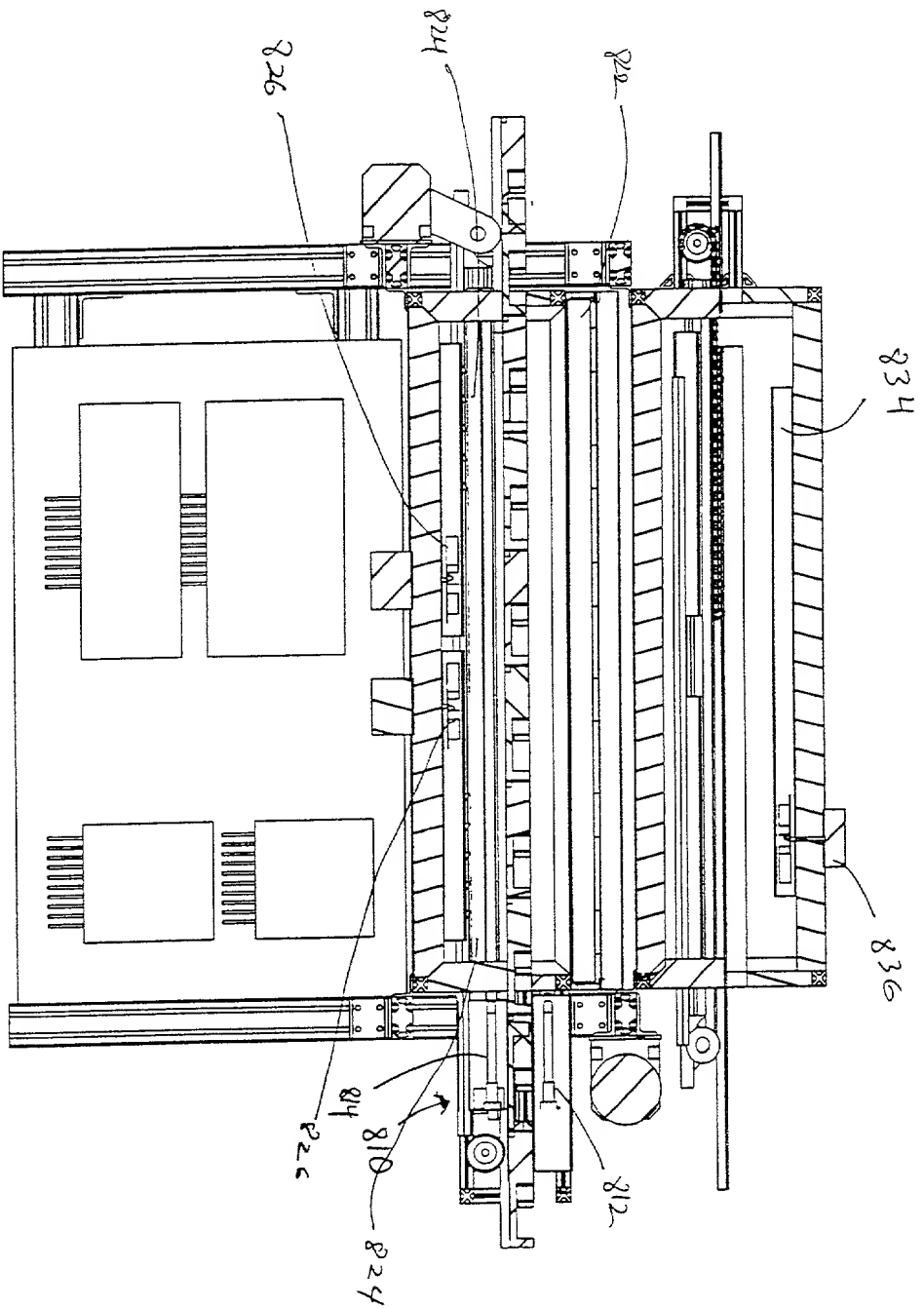


Fig. 28

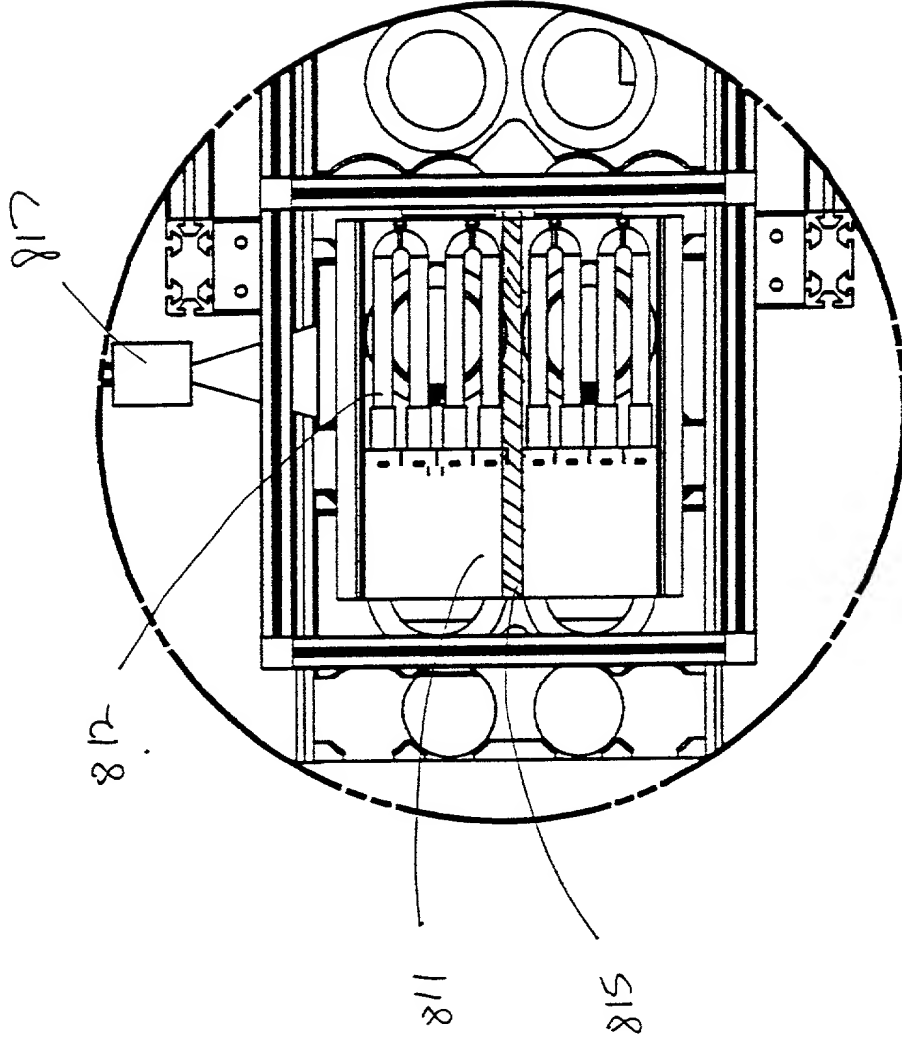


FIG. 29



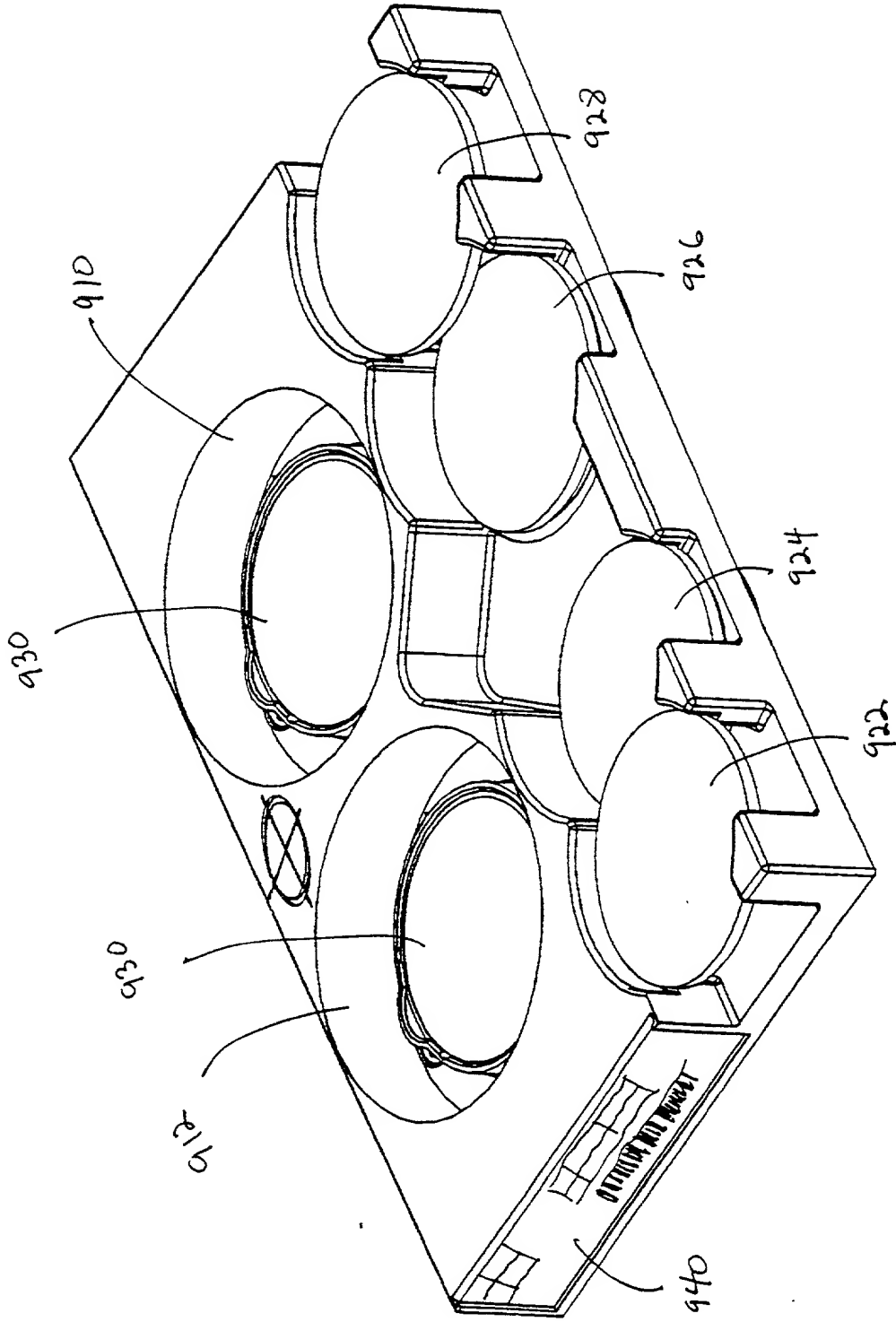


FIG. 30

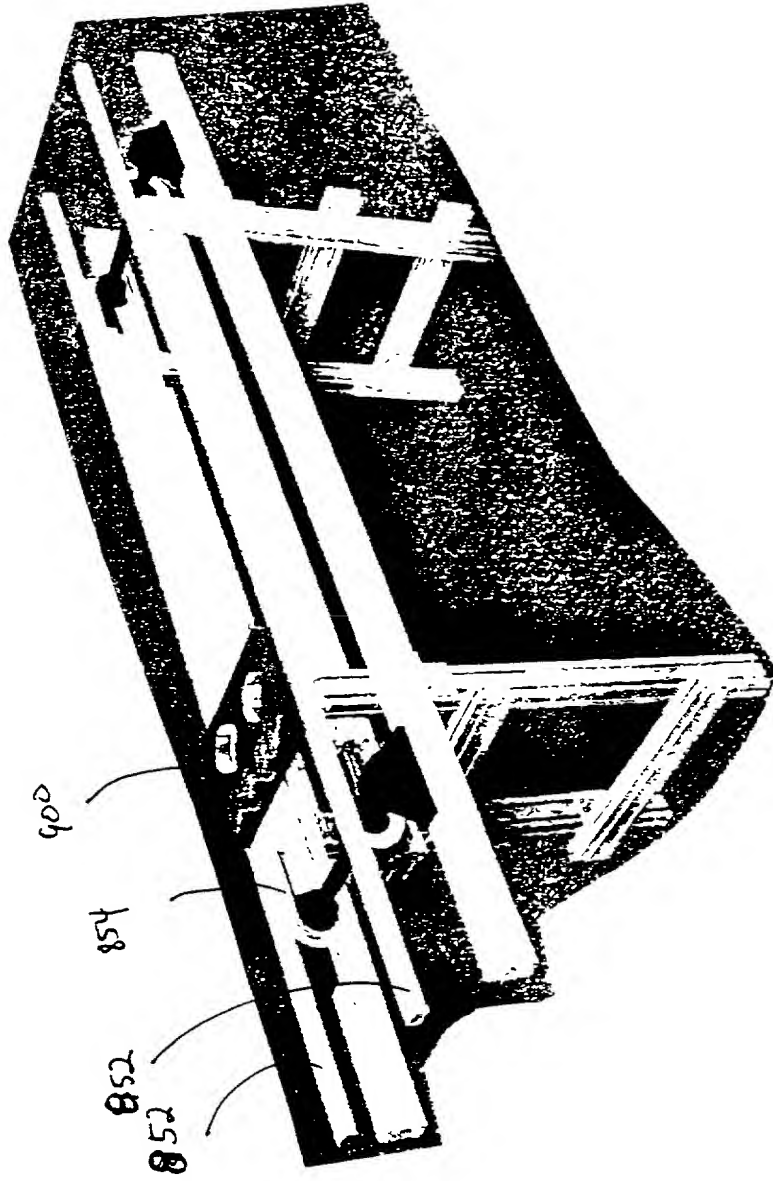


FIG. 31

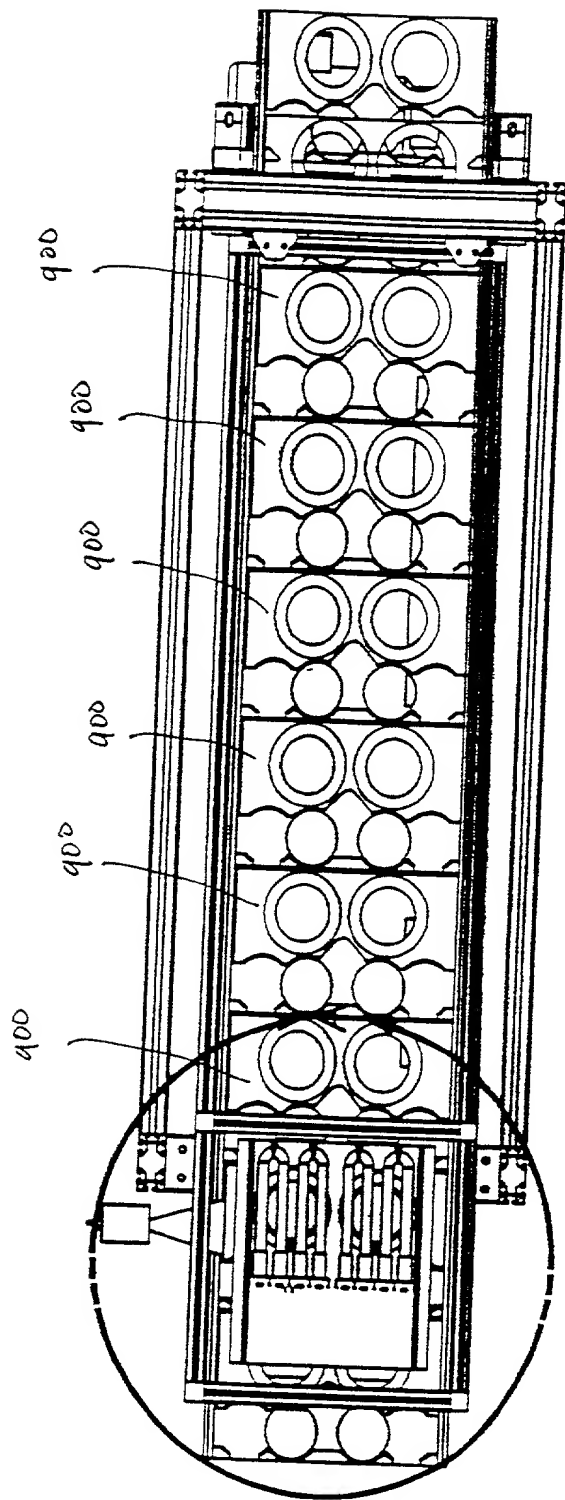


FIG. 32

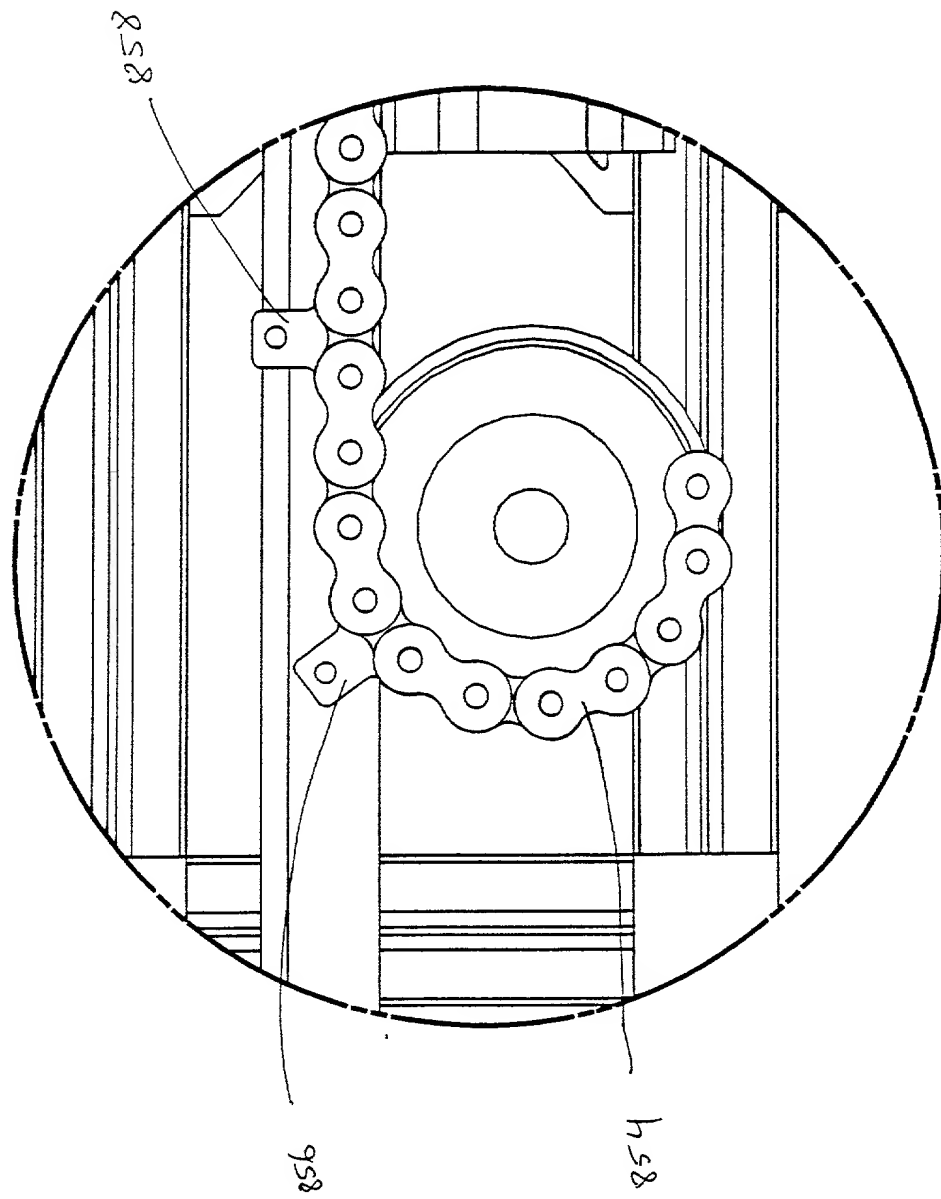


Fig. 33

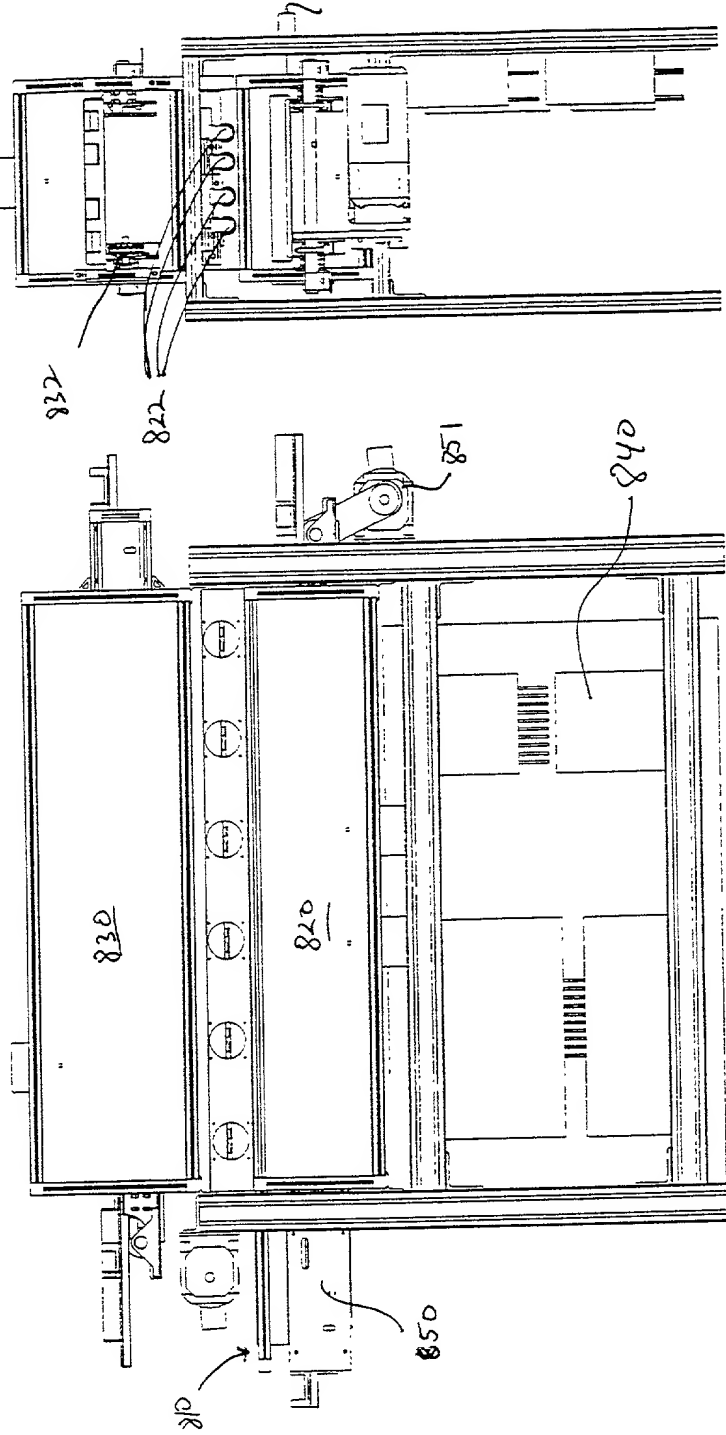


FIG. 34

FIG. 35

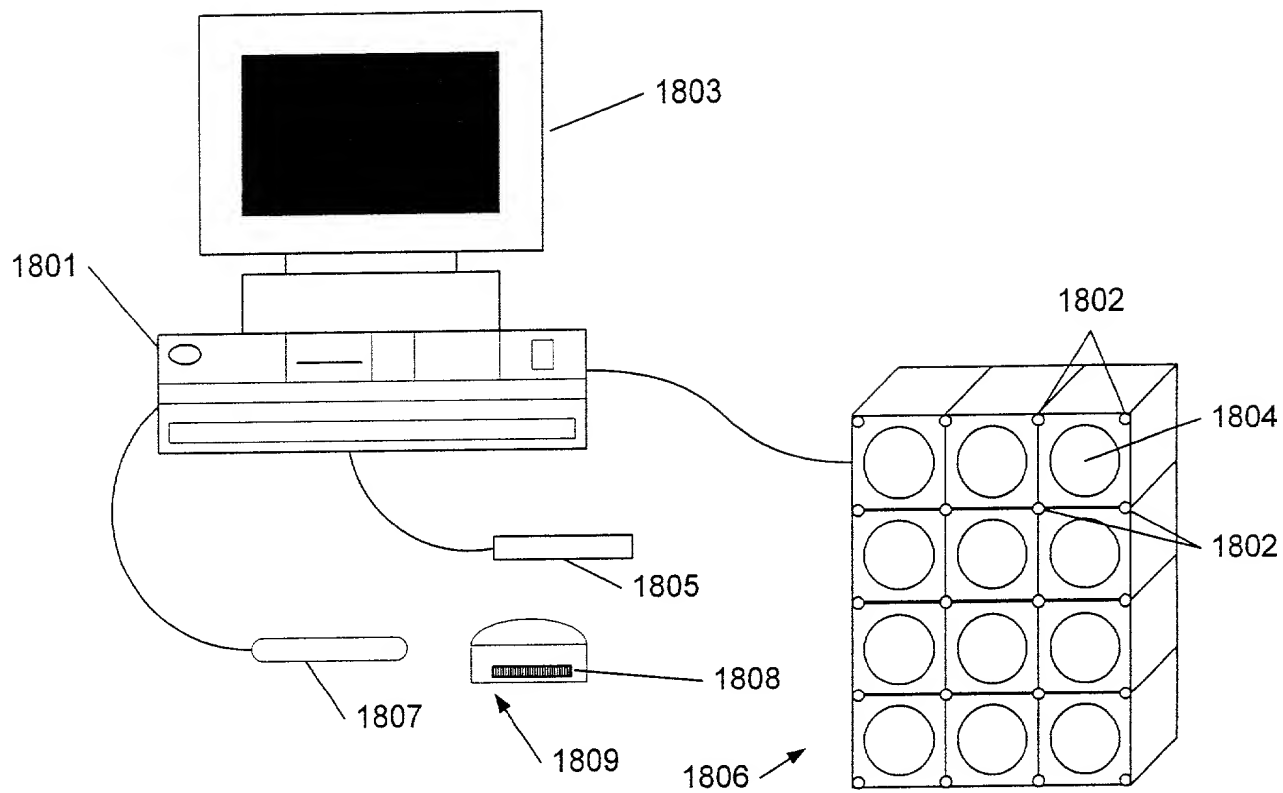
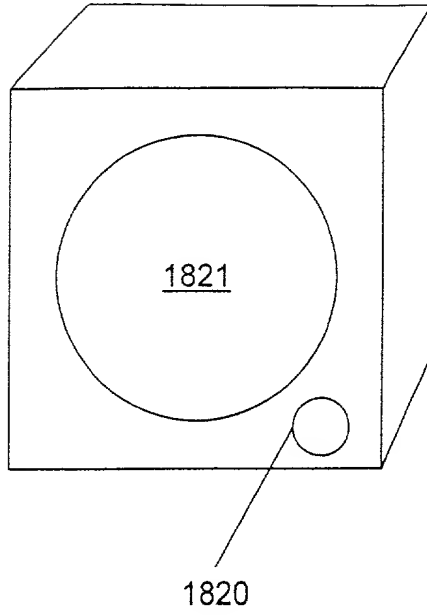
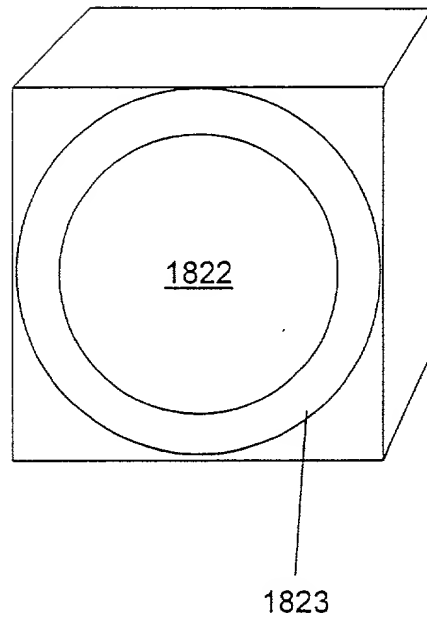


Fig.36



(a)



(b)

Fig. 37

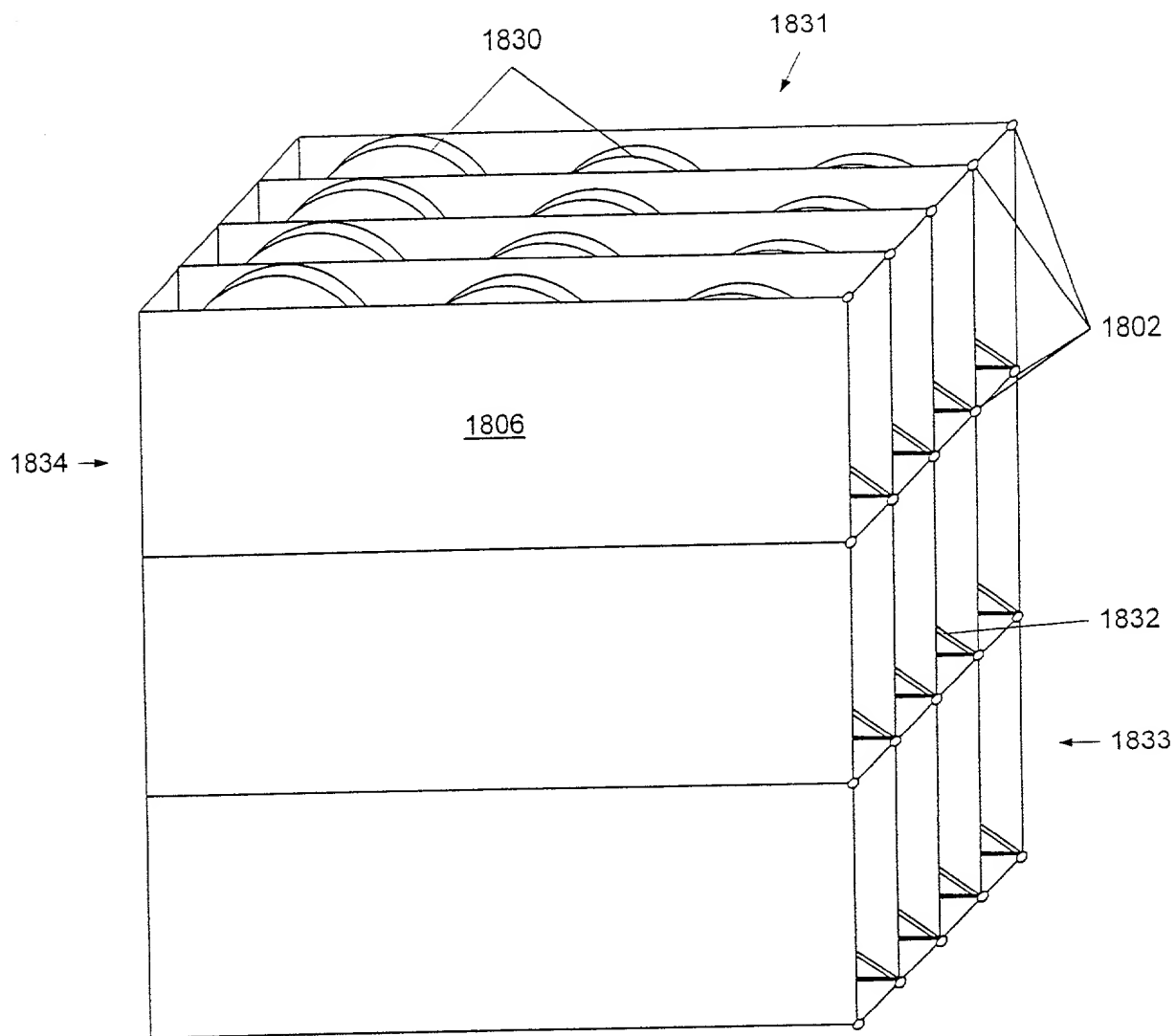


Fig. 38



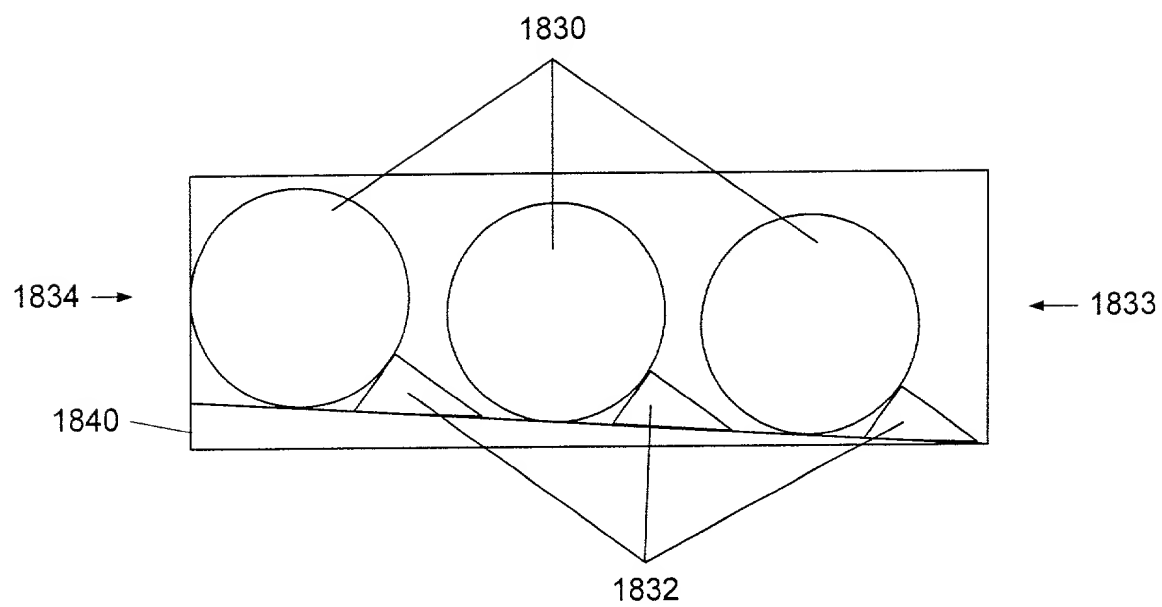


Fig. 39



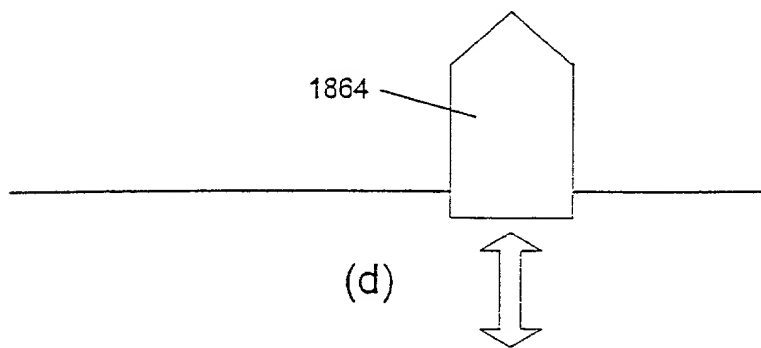
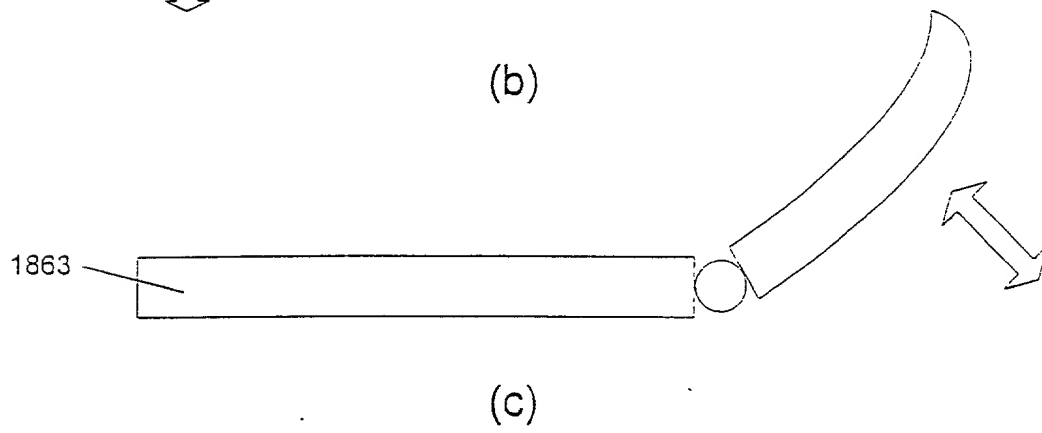
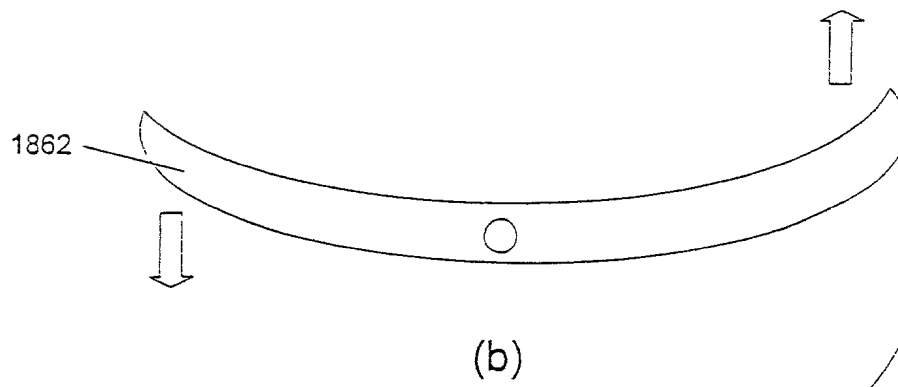
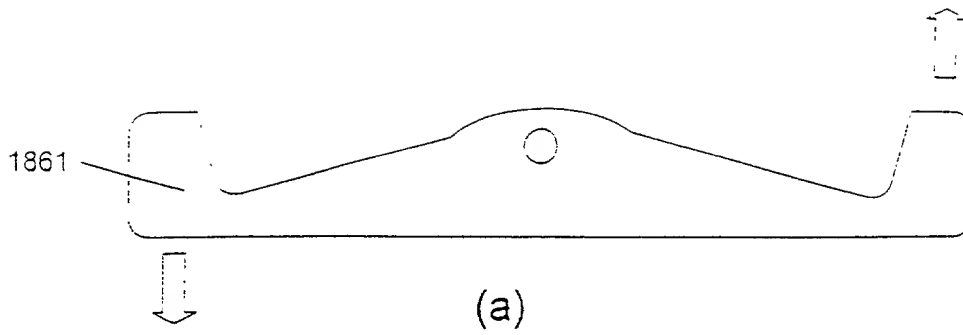


Fig. 41

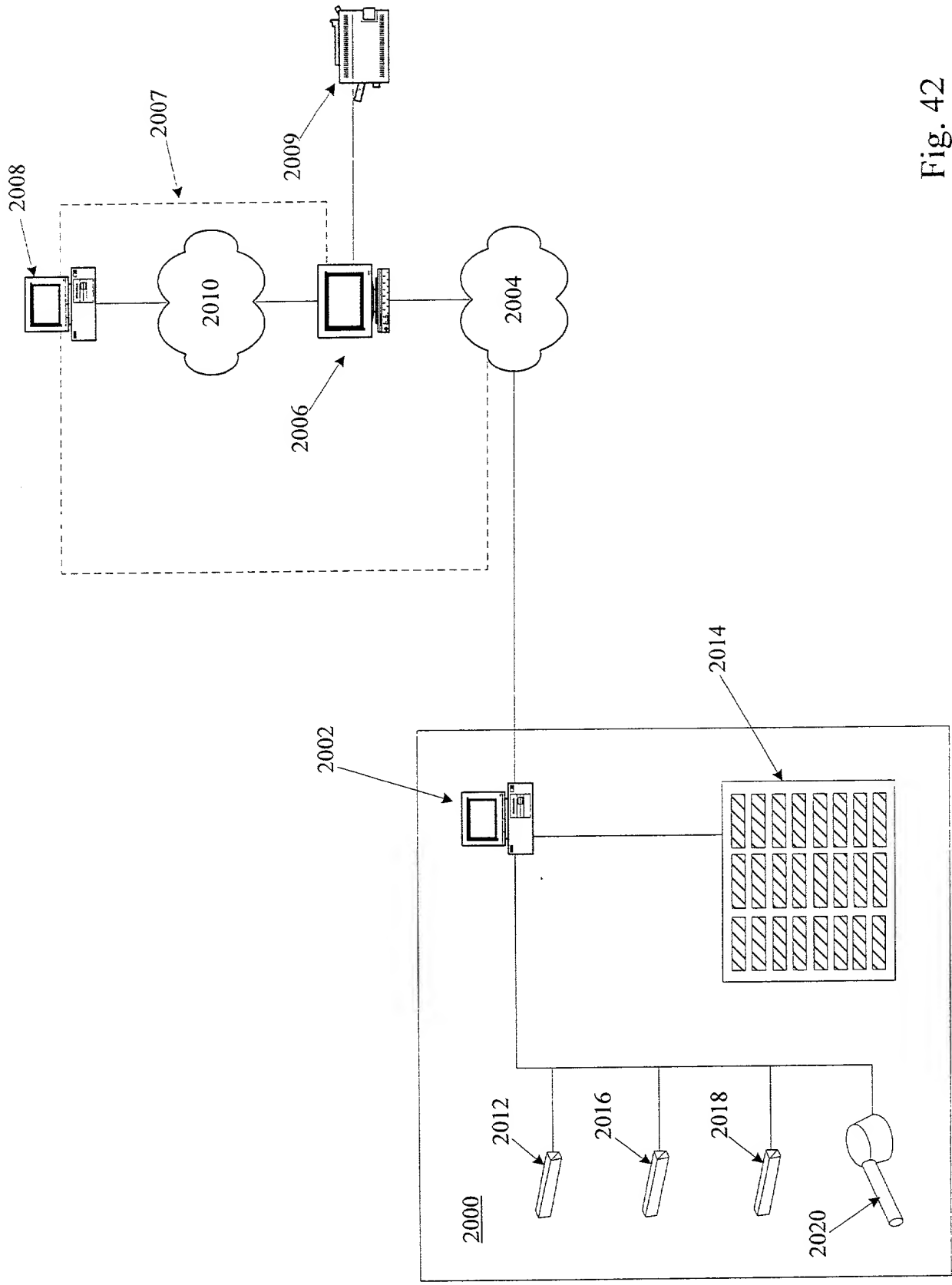


Fig. 42

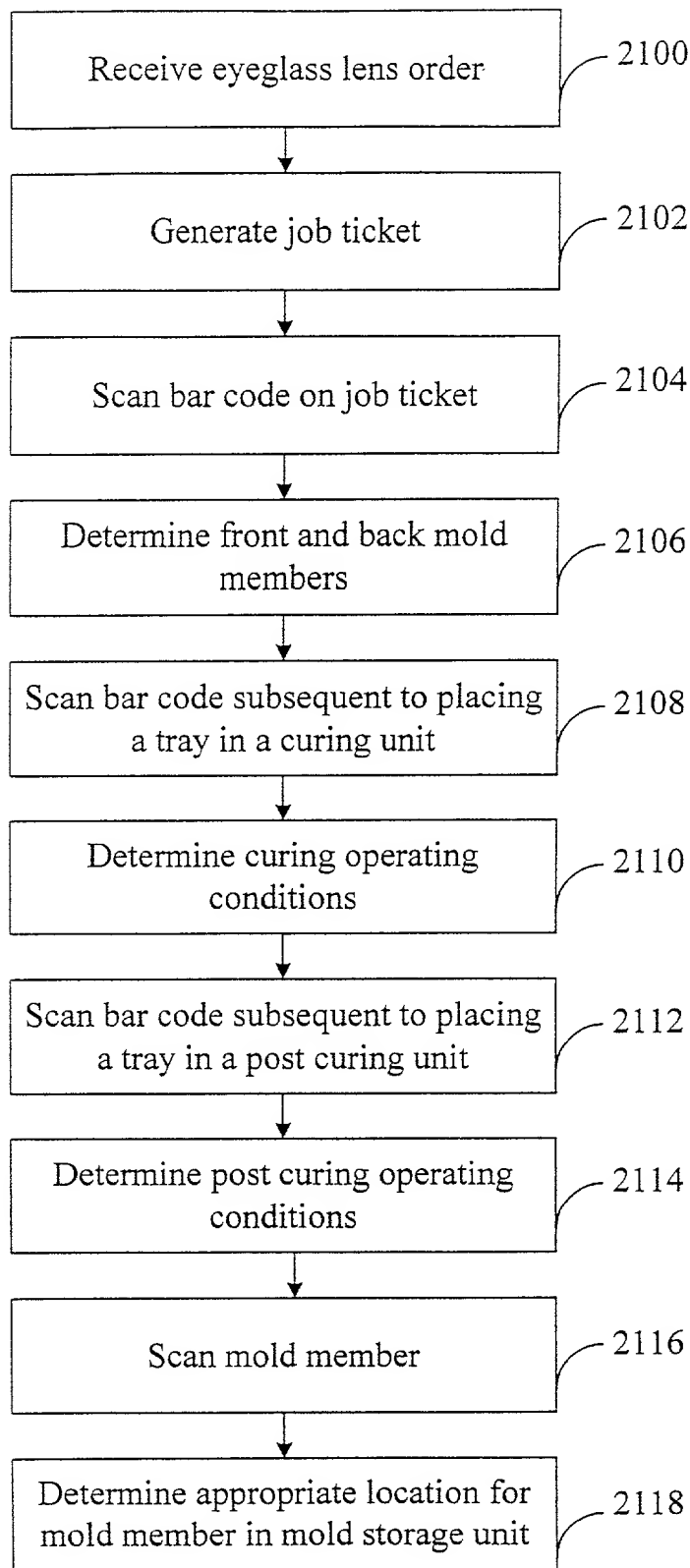


Fig. 43

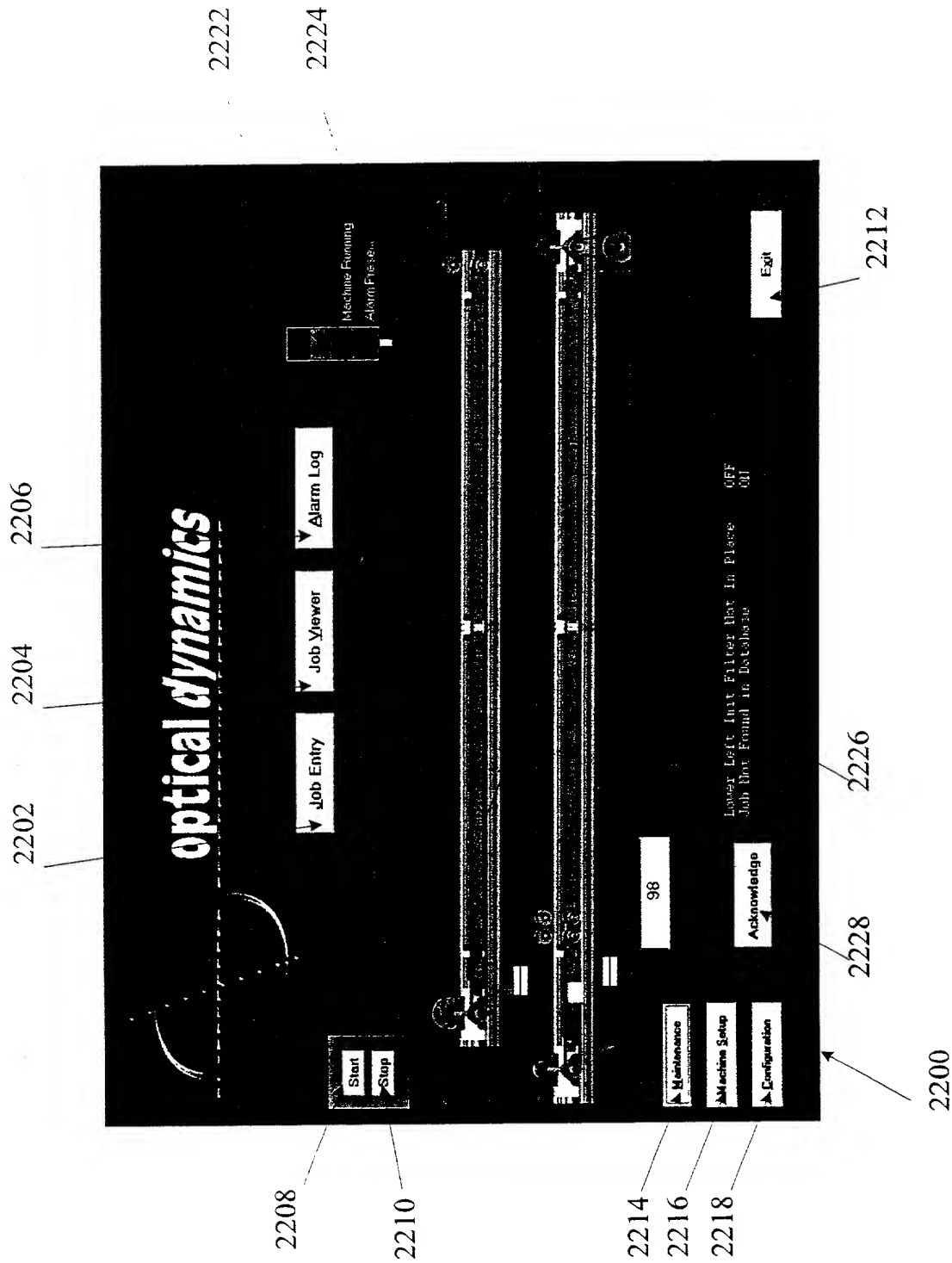


Fig. 44

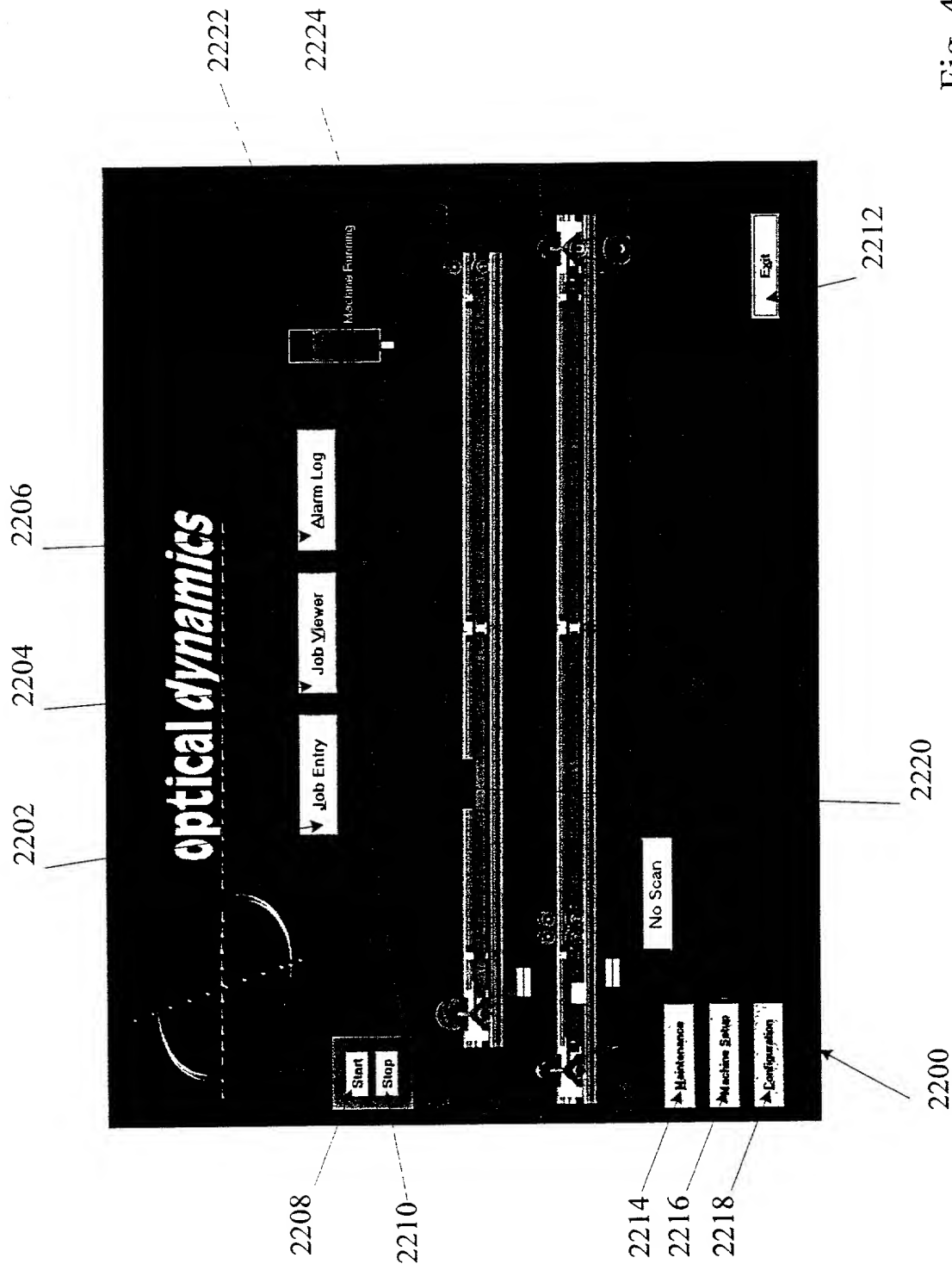


Fig. 45

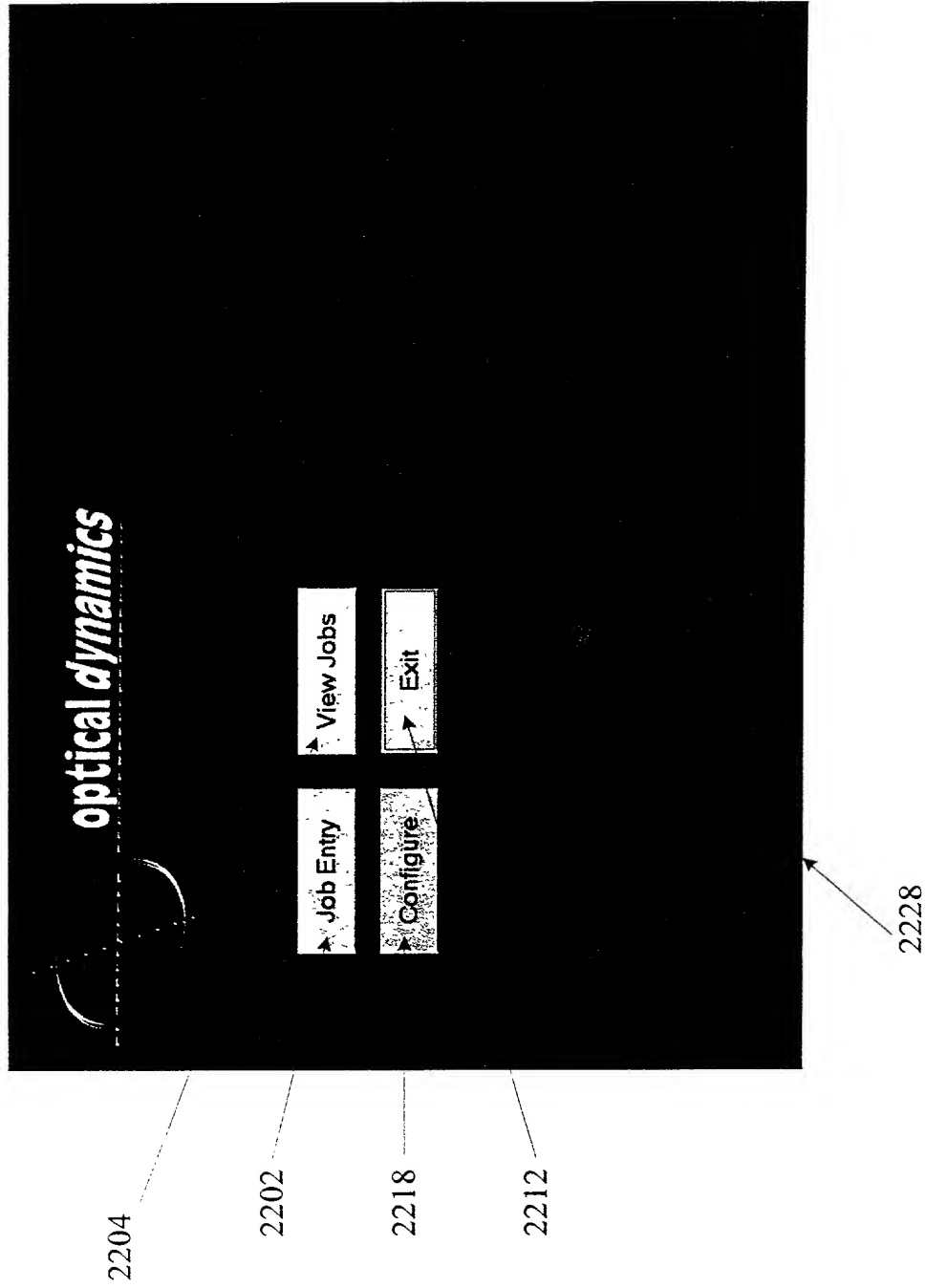


Fig. 46



Job Entry

Job #

Patient Name

Tray #

Bin Location

Priority

Normal

Re-Work

Job Type

Right & Left Lens

Right Lens Only

Left Lens Only

Lens Type

Aspheric - Single Vision

Flat Top

Paradigm Progressive

Monomer/Tint

Clear

Clear w/ Tint

Grey

Right Eye

Sphere

Cylinder

Left Eye

Sphere

Cylinder

Cancel Entry

Create Job

Fig. 47

Job Viewer

2244

LMS Job #

Patient

2246

Entry Date

LMS Tray #

Lens Type

Bin Location

Monomer

Rx

Transposed

Left

Right

Power

Cylinder

Axis

Add

Molds

Left

Right

Front

Back

Gasket

Filter

Recipe

2242

Re-Print

2248

Close

2280

Fig. 48

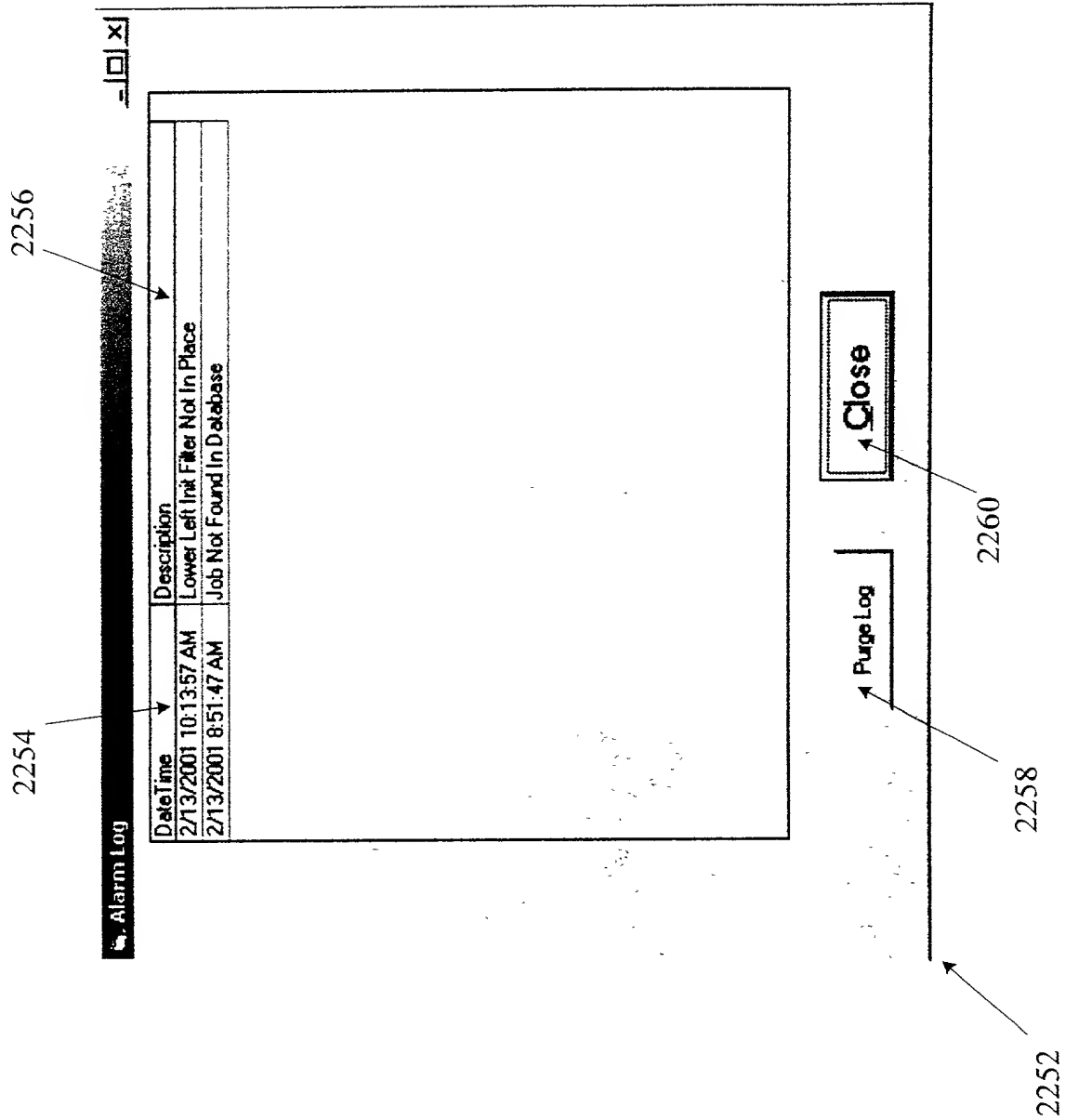


Fig. 49

# Maintenance

## Temperatures

Post-Cure Chamber 195.3

Anneal Chamber 217.4

On Time (min) 289.93

% 26.69

Reset

On Time (min) 254.73

% 23.45

Reset

## Current Draws

Upper Left Init Lights 0.00

Upper Right Init Lights 0.00

Lower Left Init Lights 0.00

Lower Right Init Lights 0.00

Rear Post-Cure Lights 4.60

Front Post-Cure Lights 3.62

### Digital Inputs, Slot 3

- Start PushButton ☐
- Stop PushButton ☐
- Anneal Conv Encoder ☐
- Top Lft Filtr In Prox ☐
- Top Rgt Filtr In Prox ☐
- Bot Lft Filtr In Prox ☐
- Bot Rgt Filtr In Prox ☐
- Top Lft Filtr Out Prox ☒
- Top Rgt Filtr Out Prox ☒
- Bot Lft Filtr Out Prox ☒
- Bot Rgt Filtr Out Prox ☒
- Air Pressure OK ☒
- Bot HiTemp Sens OK ☒
- Top HiTemp Sens OK ☒
- Init Conv Encoder ☐
- Post-Cure Conv Enchr ☐

### Digital Inputs, Slot 4

- Front Post-Cure Lgt Flt ☐
- Rear Post-Cure Lgt Flt ☐
- Init Drv IOC Flt ☐
- Post-Cure Drv IOC Flt ☐
- Anneal Drv IOC Flt ☐
- Tray Clear @ Xfer PE ☐
- PstCure FanOvrid OK ☒
- Anneal FanOvrid OK ☒
- Init Drv Ovrid OK ☒
- Anneal Drv Ovrid OK ☒
- PstCure DrvOvrid OK ☒
- Post-Cure Drive Alarm ☐
- Init Drive Alarm ☐
- Anneal Drive Alarm ☐
- Bot Tray Present PE ☐
- Top Tray Present PE ☐

### Digital Inputs, Slot 5

- E-Stop #1 ☐
- E-Stop #2 ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Spare ☐
- Lft Wait Cyl Ext'd ☒
- Lft Wait Cyl Ret'd ☐
- Rgt Wait Cyl Ext'd ☒
- Rgt Wait Cyl Ret'd ☐
- Lft Init Cyl Ext'd ☒
- Lft Init Cyl Ret'd ☐
- Rgt Init Cyl Ext'd ☒
- Rgt Init Cyl Ret'd ☐

Lamp Life Remaining

TopInit:

499.77

BotInit:

499.90

PostCure

493.70

More...

Close

Fig. 50

Machine Setup

2274

**Anneal Conveyor**

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

**Post-Cure Conveyor**

High Temp Alarm Limit

Temperature Setpoint

Low Temp Alarm Limit

**Initialization Lights**

High Current Alarm Limit

Low Current Alarm Limit

No Scan Upper Init Time

No Scan Lower Init Time

No Scan Filter Select ☐

**Post-Cure Lights**

High Current Alarm Limit

Low Current Alarm Limit

**Lamp Maintenance**

Replaced Top Init Lamps ☐

Replaced Bot Init Lamps ☐

Replaced Post-Cure Lamps ☐

2272

2278

2280

2276

Save Changes

Cancel Changes

Fig. 51

The screenshot shows a configuration window with a title bar 'v1.05' at the top left. The window contains several fields and buttons:

- Recipe DB:** A text field containing 'C:\OptDyn\MGR112700.mdb' with a 'Browse...' button to its right.
- Job DB:** A text field containing 'C:\OptDyn\Job Tickets.mdb' with a 'Browse...' button to its right.
- Ticket Dir:** A text field containing 'C:\OptDyn\' with a 'Browse...' button to its right.
- Ticket Poll Rate (sec):** A numeric input field with the value '2'.
- Ticket Print Scale (%):** A numeric input field with the value '100'.
- Archive Jobs Every:** A numeric input field with the value '14'.
- Days Keeping:** A numeric input field with the value '3'.
- Buttons:** 'Cancel' and 'OK' buttons are located at the bottom right.

Reference numerals point to various elements: 2282 points to the title bar, 2284 points to the Recipe DB field, 2286 points to the Job DB field, 2288 points to the Ticket Dir field, 2290 points to the Ticket Poll Rate field, 2292 points to the Ticket Print Scale field, and 2294 points to the Days Keeping field.

Fig. 52

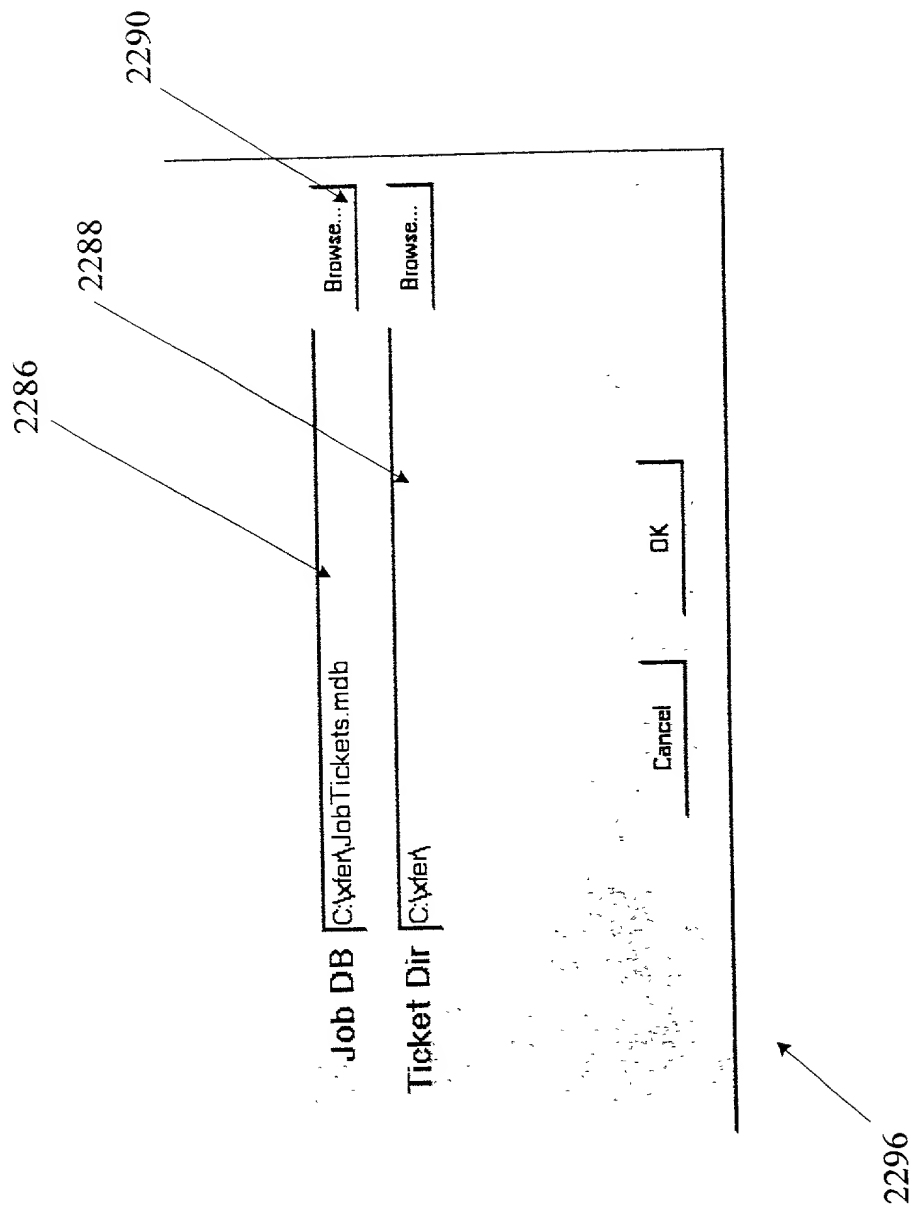


Fig. 53